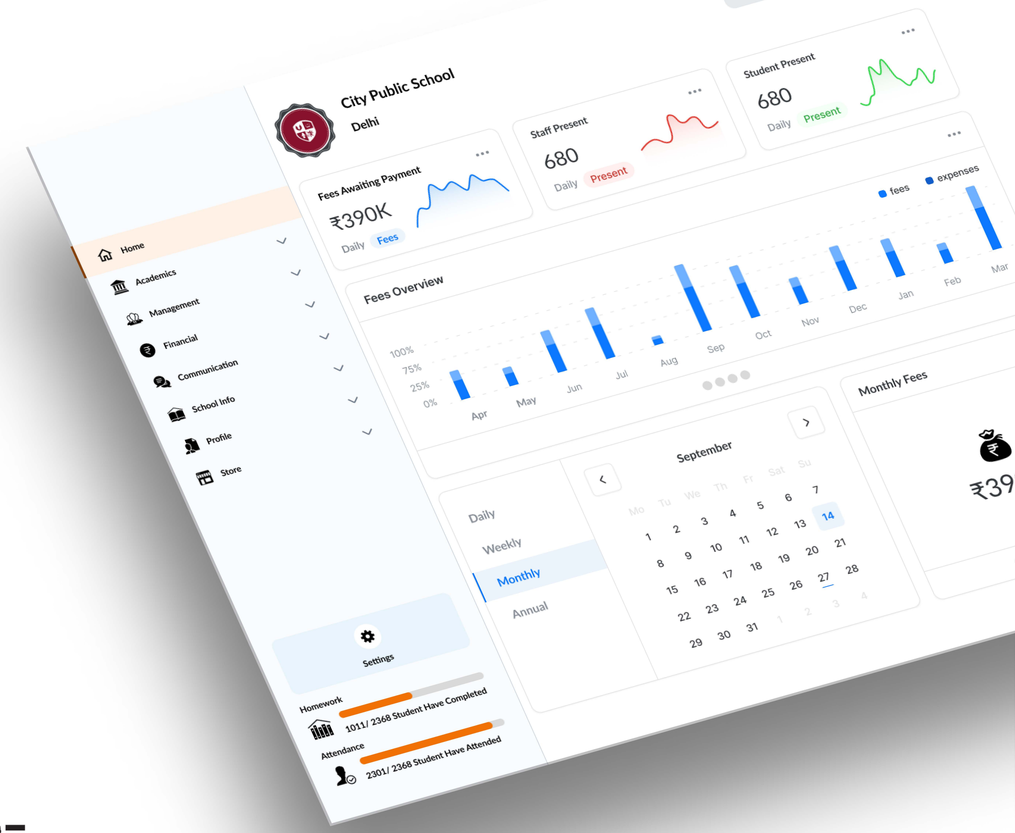


To develop a comprehensive web/mobile app-based school management platform that streamlines communication between parents and schools, enhances parental engagement, and improves the efficiency of school management processes

VOL. 1

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Bachelor of Design (B.Des)
Product Design

JK LAKSHMIPAT UNIVERSITY
Institute of Design
NAAC 'A' Grade Accredited

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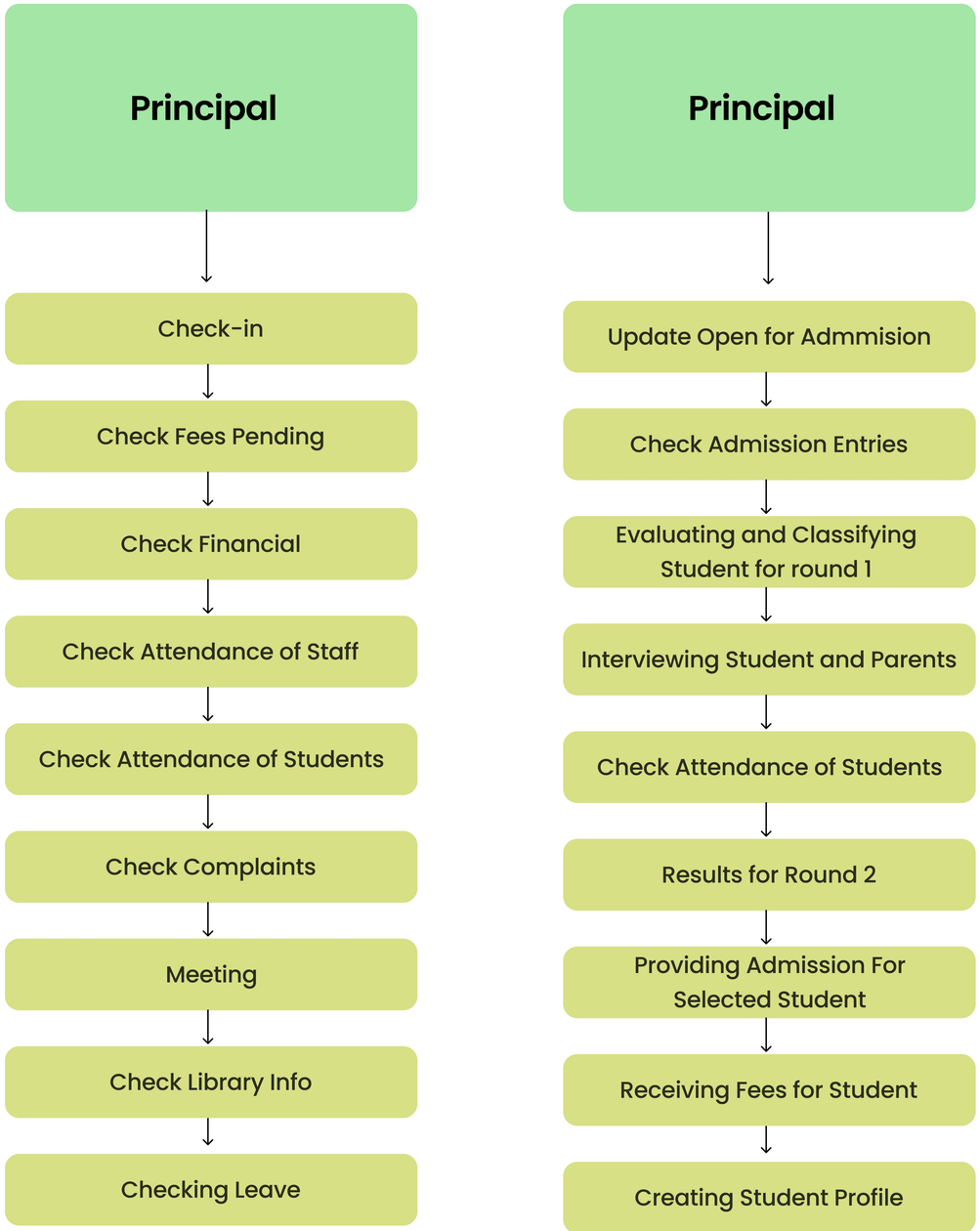
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User Research

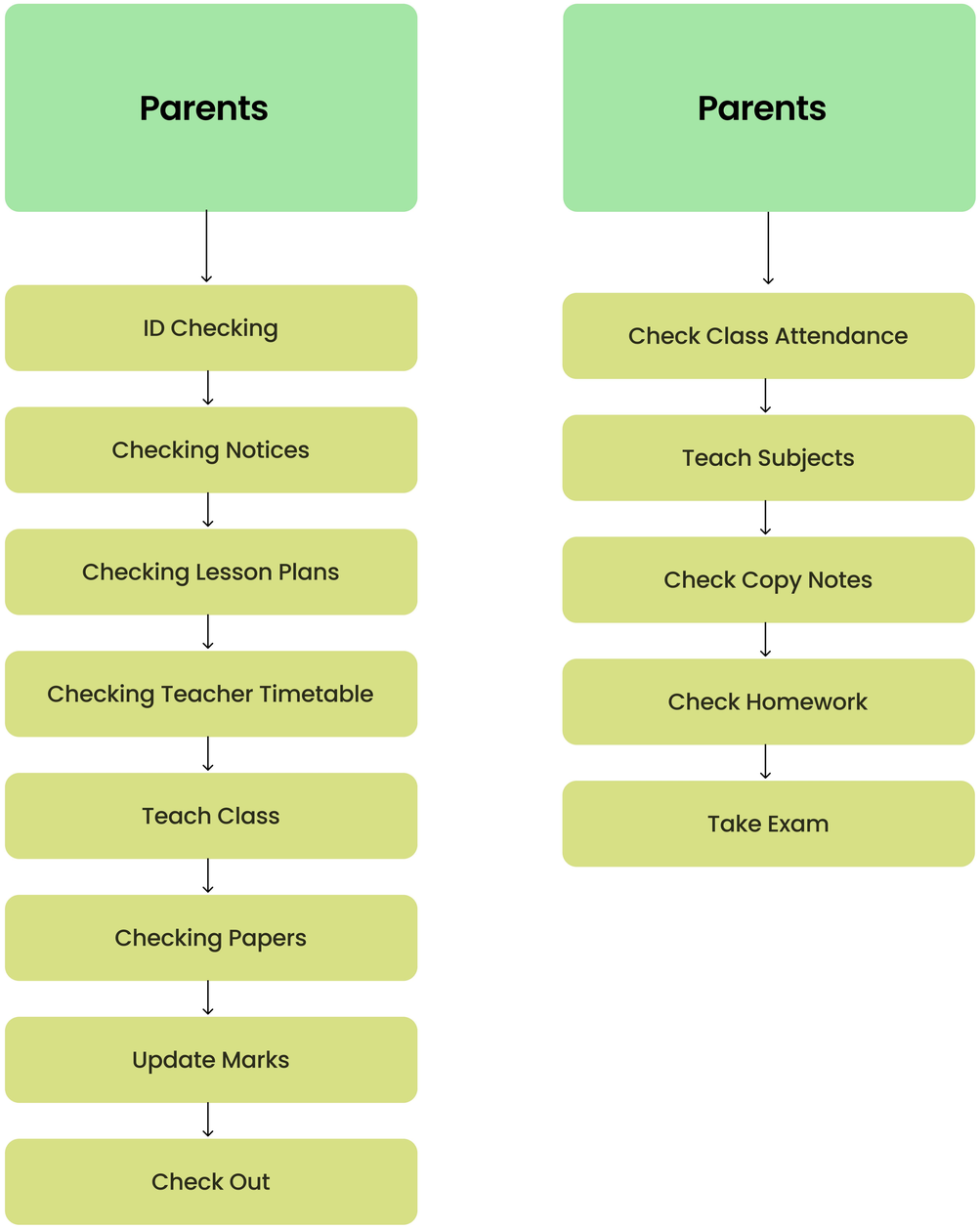
Principal	Teachers	Parents	Students
Factors	Factors	Factors	Factors
Personal info, Teachers Profile, New Profile Creation, Notices, Roles and Permissions, Fees, Timetable, Reports, Examination, Lesson Plans, Homework, School Profile, Student Profile, Admissions Management ,Staff Management, Inventory Management, Facility Management, Event Management, Data Analytics, Emergency Procedures, Library, Transport, Alumni, Hostel, Certificate	Personal Details, Contact Information, Educational qualification and experience, Notices/Homework, Messages, Events, Marks Update, Timetable, Attendance , Examination, Lesson Plans, Homework, Reports, Student Profile, Other Teachers Profile, School Profile, Other Teachers Profile , School Profile, Gradebook , Lesson Plans,	Student Profile, Marks, Homework, Timetable, Attendance History, Lesson Plans, Examination, Notices, Messages, Events, Leave, School Profile, Teachers Profiles, Clubs and Activities, Events and Competition,Achivements,Library,Cafeteria,Transportation, Payements,Parents - Teacher Meeting ,Peer Collaboration, Student Handbook Career Guidance, Career Guidance, Download Center, Hostel Rooms, Helpdesk, Feedback, Resources.	Student Profile, Marks, Homework, Timetable, Attendance History, Lesson Plans, Examination, Notices, Messages, Events, Leave, School Profile, Teachers Profiles, Clubs and Activities, Events and Competition,Achivements,Library,Cafeteria,Transportation, Payements,Peer Collaboration, Student Handbook Career Guidance, Career Guidance, Download Center, Hostel Rooms, Helpdesk, Feedback, Resources.

Journey Mapping (Principal)



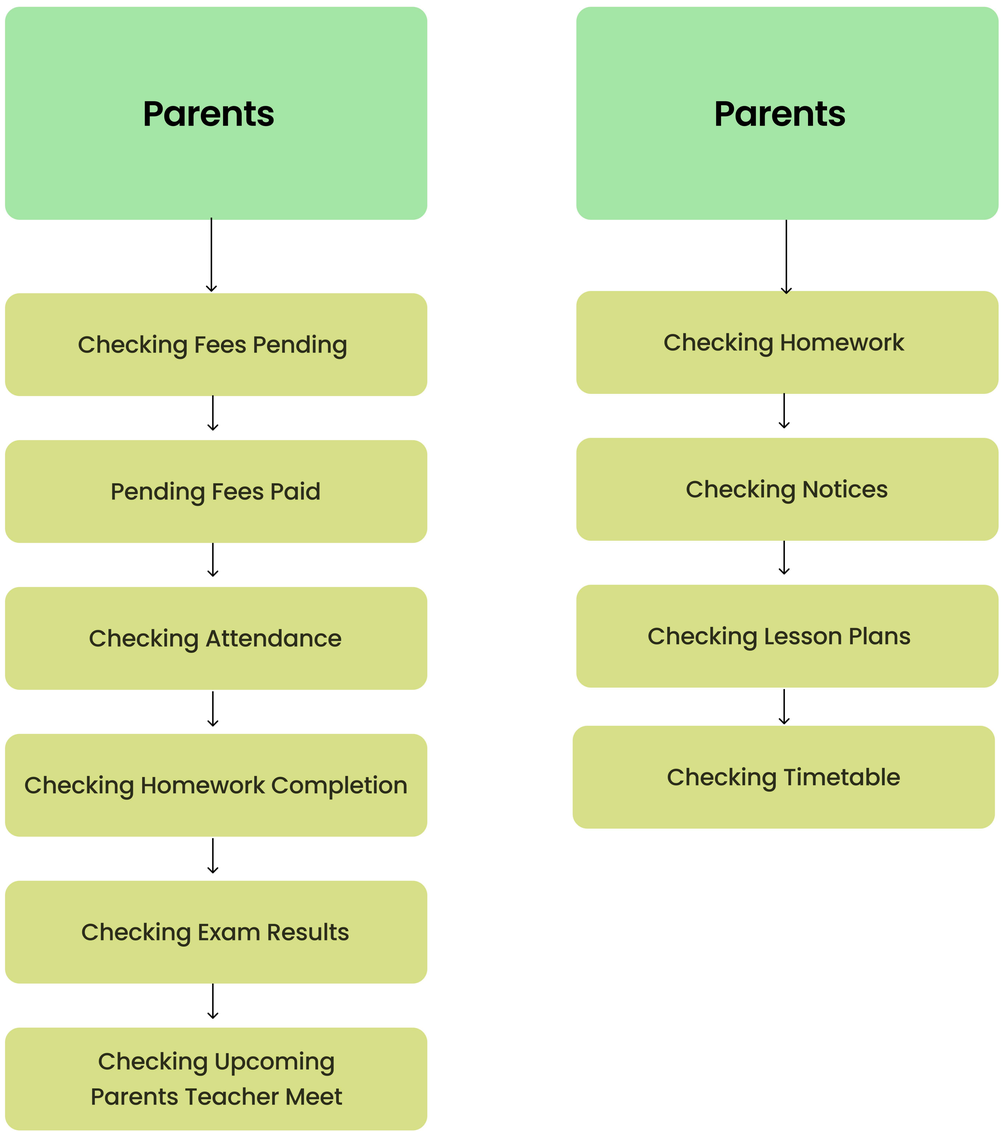
Here is the Journey map of Principal .This is what Principal goes through the day .

Journey Mapping (Teachers)



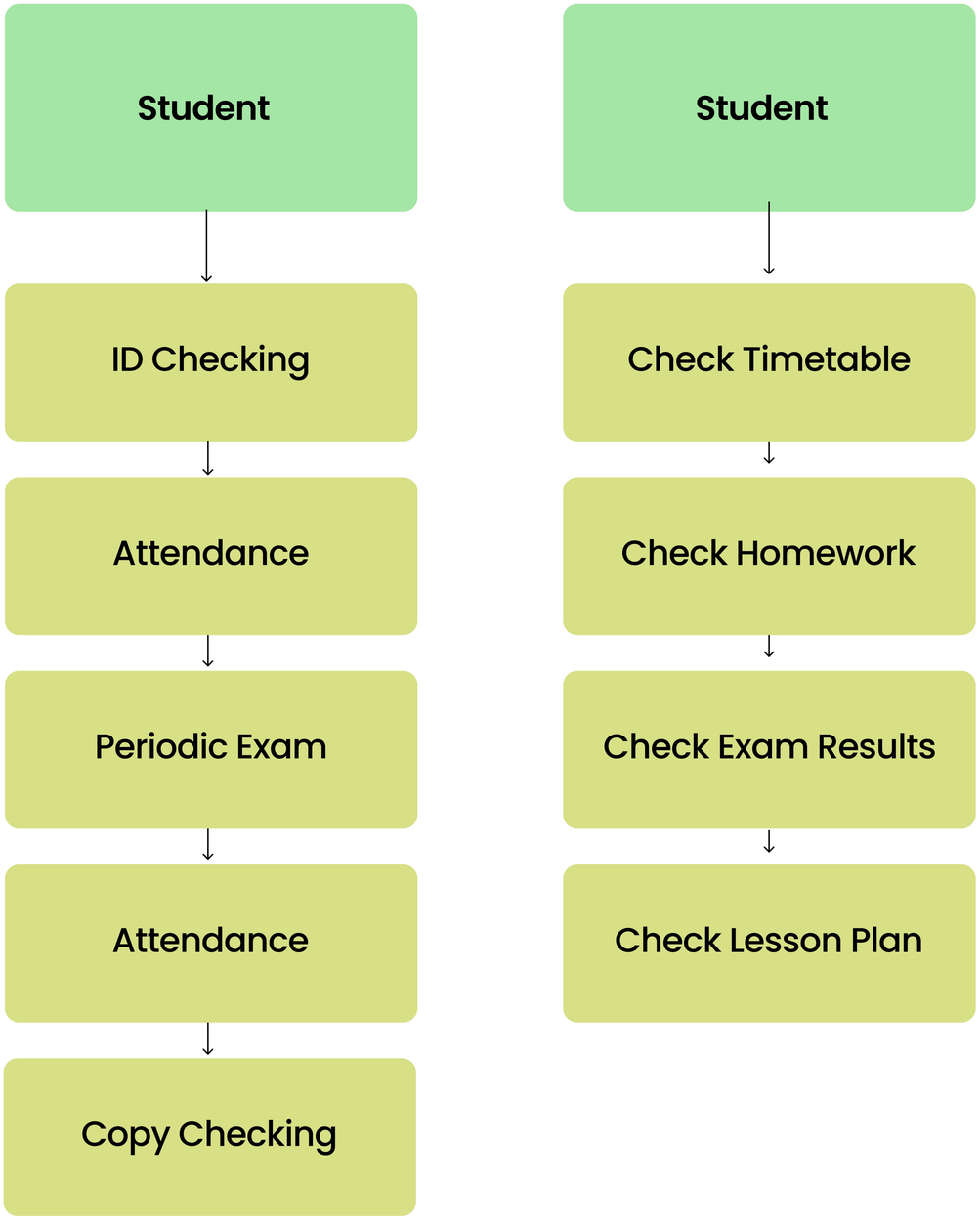
Here is the Journey map of Teacher .This is what Teacher goes through the day .

Journey Mapping (Parents)



Here is the Journey map of Parent .This is what Parent goes through the day .

Journey Mapping (Student)



Here is the Journey map of Student .This is what Students goes through the day .

Trigger Points

Homework

Timetable

Periodic Exam

Copy Notes

Trigger Points to start a interview on key points.

Student

(Homework Completion, Homework Intensity, Homework Incomplete)

Student

(Check Timetable, Problem With Timetable)

Student

(Check Exam Timetable, Notes for Exam, Other Issues)

Student

(Note Taking, Issues)

Teacher

(Homework Completion, Homework Intensity, Homework Incomplete, Homework Checking)

Teacher

(Timetable Creation Student, Timetable For Teachers, Problem with Teachers Timetable)

Teacher

(Exam Paper, Notes for Exam, Paper Checking, Other Issues)

Teachers

(Note Making, Note Checking, Issues)

Parents

(Homework Completion, Homework Intensity, Homework Incomplete)

Parents

(Check Timetable)

Parents

(Check Exam Timetable, Notes for Exam, Other Issues)

Admin

(Check Timetable, Timetable Creations for Students and Teachers)

Trigger Points

Lesson Plans	Class Attendance	Notices	Leave Approval	Trigger Points to start a interview on key points.
Student (, Issues)	**Student** (Attendance History, Issues)	**Student** (Notices , Issues)	**Student** (Leave Apply , Issues)	
Teacher (Creation of Lesson Plans, Issues)	**Teachers** (Taking Attendance, Issues)	**Teachers** (Notices ,Notice Creation, Issues)	**Teachers** (Leave Apply , Issues)	
Admin (Creation of Lesson Plans, Issues)	**Parents** (Attendance History)	**Parents** (Notices)	**Parents** (Leave Apply , Issues)	
	Admin (Attendance History, Complain)	**Admin** (Notice Creation, Issues)	**Admin** (Leave Apply ,Holiday List, Issues)	

Trigger Points

Events & Activities

Student

(Organizing Event , Participate in Ev ents, Issues)

Teachers

(Organizing Event , Issues)

Admin

(Organizing Event , Issues)

Exam Results

Student

(Checking Results, Rechecking, Issues)

Teachers

(Publishing Results, Paper Checking, Rechecking, Issues)

Parents

(Checking Results)

Admin

(Publishing Results, Issues)

Fees

Student

(Fees Payment Notification)

Parents

(Fees Payment Notification, Payments, Issues)

Admin

(Fees Payment Notification, Payments Checking, Issues)

Parents Teacher Meeting

Parents

(Parent Teacher Meeting Notification, Meeting Schedule, Issues)

Teachers

(Parents Teacher Meeting Notification, Meeting Schedule, Issues)

Trigger Points to start a interview on key points.

Trigger Points

Financial

Meetings

Complaints

Admissions

Trigger Points to start a interview on key points.

Admin

(Staff Salary, Expenses, Library, Transportation,)

Admin

(Issues)

Admin

(Addressing Student Issues, Addressing Teachers Issues, Addressing Parents Issues ,Issues)

Admin

(Admission Opening, Admission Process, New Student Creation)

Parents

(Admission Opening Apply, Admission Process, Issues

Questionnaire (Principal)

Principal Interview Questionnaire

Section 1: Timetables

1. Check Timetable:
    - How often do you review the timetables for students and teachers?
    - What criteria do you use to evaluate the effectiveness of the timetables?
2. Timetable Creation for Students and Teachers:
    - How is the timetable for students and teachers created?
    - What challenges do you face in the timetable creation process?

Section 2: Lesson Plans

1. Creation of Lesson Plans:
    - How do you oversee the creation of lesson plans?
    - What standards do you set for lesson plans?
2. Issues:
    - What issues have you encountered related to lesson planning?
    - How can these issues be addressed?

Section 3: Attendance

1. Attendance History:
    - How do you monitor attendance history for students and staff?
    - What trends have you observed in attendance records?
2. Complaints:
    - How do you handle complaints related to attendance?
    - What measures have been implemented to improve attendance?

Section 4: Notices

1. Notice Creation:
    - How are school notices created and communicated?
    - What is your role in the notice creation process?
2. Issues:
    - What issues have you faced in the notice creation and dissemination process?
    - How can these issues be improved?

Questionnaire used in interview
Principal to find more information

Questionnaire (Principal)

Principal Interview Questionnaire

Section 1: Timetables

1. Check Timetable:
    - How often do you review the timetables for students and teachers?
    - What criteria do you use to evaluate the effectiveness of the timetables?
2. Timetable Creation for Students and Teachers:
    - How is the timetable for students and teachers created?
    - What challenges do you face in the timetable creation process?

Section 2: Lesson Plans

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Section 4: Notices

1. Notice Creation:
    - How are school notices created and communicated?
    - What is your role in the notice creation process?
2. Issues:
    - What issues have you faced in the notice creation and dissemination process?
    - How can these issues be improved?

Questionnaire used in interview
Principal to find more information

Questionnaire (Principal)

Section 5: Leave and Holidays

1. Leave Apply:
   - How is the leave application process managed for students and staff?
   - What improvements can be made to this process?
2. Holiday List:
   - How is the school holiday list determined and communicated?
   - Have there been any issues with the holiday list? If yes, please specify.
3. Issues:
   - What issues have you faced regarding leave applications and holiday lists?
   - How can these issues be resolved?

Section 6: Events

1. Organizing Events:
   - How are school events organized?
   - What role do you play in event organization?
2. Issues:
   - What challenges have you encountered in organizing school events?
   - How can these challenges be addressed?

Section 7: Results

1. Publishing Results:
   - How is the process of publishing academic results managed?
   - What steps are taken to ensure accuracy and transparency in result publishing?
2. Issues:
   - What issues have you faced in the result publishing process?
   - How can these issues be improved?

Questionnaire used in interview
Principal to find more information

Questionnaire (Principal)

Section 8: Fees and Payments

1. Fees Payment Notification:
   - How are fee payment notifications communicated to parents?
   - What improvements can be made to this notification system?
2. Payments Checking:
   - How do you ensure that payments are tracked and recorded accurately?
   - What challenges do you face in the payment checking process?
3. Issues:
   - What issues have you encountered related to fee payments?
   - How can these issues be addressed?

Section 9: Staff and Resources

1. Staff Salary:
   - How is the staff salary process managed?
   - What challenges do you face regarding staff salaries?
2. Expenses:
   - How do you manage the school's expenses?
   - Are there any particular areas of concern regarding expenses?
3. Library:
   - How is the school library managed?
   - What improvements would you like to see in the library?
4. Transportation:
   - How is the school transportation system managed?
   - What issues have you encountered with transportation?

Section 10: Parent-Teacher Meetings

1. Parent-Teacher Meeting:
   - How are parent-teacher meetings scheduled and conducted?
   - What is your role in these meetings?

Questionnaire used in interview
Principal to find more information

Questionnaire (Principal)

Section 11: Addressing Issues

1. Addressing Student Issues:
    - How do you address issues raised by students?
    - What common issues do students bring up?
2. Addressing Teachers' Issues:
    - How do you address issues raised by teachers?
    - What common issues do teachers bring up?
3. Addressing Parents' Issues:
    - How do you address issues raised by parents?
    - What common issues do parents bring up?
4. Issues:
    - What challenges have you faced in addressing the concerns of students, teachers, and parents?
    - How can these challenges be overcome?

Section 12: Admissions

1. Admission Opening:
    - How do you announce and manage admission openings?
    - What criteria are used for admitting new students?
2. Admission Process:
    - How is the admission process managed?
    - What improvements can be made to the admission process?
3. New Student Creation:
    - How is the onboarding of new students managed?
    - What challenges have you faced with new student integration?

Additional Comments

1. General Feedback:
    - Do you have any additional comments or suggestions regarding any of the topics discussed?
    - Is there anything else you would like to share about your experience as the principal?

Questionnaire used in interview
Principal to find more information

Questionnaire (Teachers)

Teacher Interview Questionnaire

Section 1: Homework

1. Homework Completion:
   - How do you ensure students complete their homework on time?
   - What challenges do you face regarding students completing their homework?
2. Homework Intensity:
   - How do you determine the amount of homework to assign?
   - Do you think the current homework intensity is appropriate for your students?
3. Homework Incomplete:
   - How often do students leave homework incomplete?
   - What are the common reasons for incomplete homework?
4. Homework Checking:
   - How do you manage homework checking?
   - What improvements can be made to the homework checking process?

Section 2: Timetable

1. Timetable Creation for Students:
   - How are student timetables created?
   - Do you think the current timetables are effective for students?
2. Timetable for Teachers:
   - How do you find the timetable assigned to you?
   - Is the timetable manageable for your workload?
3. Problem with Teachers' Timetable:
   - Have you faced any issues with your timetable? If yes, please specify.
   - What changes would you suggest for the teacher's timetable?

Questionnaire used in interview
Teachers to find more information

Questionnaire (Teacher)

Section 3: Exam Preparation

1. Exam Paper:
   - How do you prepare exam papers?
   - What challenges do you face in exam paper preparation?
2. Notes for Exam:
   - Do you provide notes for exam preparation? If yes, how?
   - How do you ensure the notes are helpful for students?
3. Paper Checking:
   - How do you manage the exam paper checking process?
   - Are you satisfied with the current paper checking system?
4. Other Issues:
   - Have you faced any other issues related to exam preparation or execution? If yes, please specify.

Section 4: Note Making

1. Note Making:
   - How do you create notes for your classes?
   - Do you find the current note-making process effective?
2. Note Checking:
   - How do you ensure students are making proper notes?
   - What challenges do you face in checking students' notes?
3. Issues:
   - What issues do you face in note-making and note-checking?
   - How can these issues be resolved?

Section 5: Lesson Planning

1. Creation of Lesson Plans:
   - How do you create your lesson plans?
   - How effective are your lesson plans in achieving learning outcomes?
2. Issues:
   - What issues do you face in lesson planning?
   - How can these issues be addressed?

Questionnaire used in interview
Teachers to find more information

Questionnaire (Teachers)

Section 6: Attendance

1. Taking Attendance:
    - How do you manage attendance in your classes?
    - Are there any challenges you face in taking attendance?
2. Issues:
    - What issues have you encountered related to attendance?
    - How can these issues be improved?

Section 7: Notices

1. Notices:
    - How do you stay informed about school notices?
    - Do you find the notice system effective?
2. Notice Creation:
    - Are you involved in creating school notices? If yes, describe the process.
    - What challenges do you face in creating notices?
3. Issues:
    - What issues have you faced regarding school notices?
    - How can these issues be improved?

Section 8: Leave Application

1. Leave Apply:
    - How do you apply for leave?
    - Have you faced any difficulties in the leave application process?
2. Issues:
    - What issues have you encountered in applying for leave?
    - How can the leave application process be improved?

Section 9: Events

1. Organizing Event:
    - Have you been involved in organizing school events? If yes, please describe your experience.
    - What challenges did you face while organizing events?
2. Issues:
    - What issues have you faced while organizing or participating in events?
    - How can these issues be addressed?

Questionnaire used in interview
Teachers to find more information

Questionnaire (Teachers)

Section 10: Results

1. Publishing Results:
   - How do you handle the publishing of student results?
   - What challenges do you face in the result publishing process?
2. Paper Checking:
   - How do you manage paper checking for exams?
   - Are you satisfied with the current paper checking system?
3. Rechecking:
   - How do you handle rechecking requests from students?
   - What challenges do you face in the rechecking process?
4. Issues:
   - What issues have you faced related to results, paper checking, or rechecking?
   - How can these issues be improved?

Section 11: Parent-Teacher Meetings

1. Parent-Teacher Meeting Notification:
   - How do you notify parents about upcoming parent-teacher meetings?
   - Do you find the current notification system effective?
2. Meeting Schedule:
   - How do you schedule parent-teacher meetings?
   - Are there any challenges in managing the meeting schedule?
3. Issues:
   - What issues have you encountered in organizing or conducting parent-teacher meetings?
   - How can these issues be addressed?

Additional Comments

1. General Feedback:
   - Do you have any additional comments or suggestions regarding any of the topics discussed?
   - Is there anything else you would like to share about your experience as a teacher at the school?

Questionnaire used in interview
Teachers to find more information

Questionnaire (Parents)

Parents Interview Questionnaire

Section 1: Homework

1. Homework Completion:
   - How regularly does your child complete their homework?
   - Do you assist your child with their homework? If yes, how often?
2. Homework Intensity:
   - Do you feel the amount of homework assigned to your child is appropriate? (Too much, Just right, Too little)
   - How much time does your child spend on homework daily?
3. Homework Incomplete:
   - How often does your child leave homework incomplete?
   - What are the common reasons for incomplete homework?

Section 2: Timetable

1. Check Timetable:
   - How often do you check your child's timetable?
   - Do you find the timetable easy to understand and follow?

Section 3: Exam Preparation

1. Check Exam Timetable:
   - How often do you check your child's exam timetable?
   - Do you find the exam timetable clear and easy to understand?
2. Notes for Exam:
   - Does your child take notes for exam preparation?
   - How do you ensure the notes are helpful for your child?
3. Other Issues:
   - Have you faced any other issues related to your child's exam preparation? If yes, please specify.

Section 4: Attendance

1. Attendance History:
   - How would you describe your child's attendance history? (Excellent, Good, Average, Poor)
   - Have you faced any issues with your child's attendance records?

Questionnaire used in interview
Parents to find more information

Questionnaire (Parents)

Section 5: Notices

1. Notices:
    - How do you stay informed about school notices?
    - Do you find the notice system effective?

Section 6: Leave Application

1. Leave Apply:
    - How do you apply for leave for your child?
    - Have you faced any difficulties in the leave application process?
2. Issues:
    - What issues have you encountered in applying for leave?
    - How can the leave application process be improved?

Section 7: Results

1. Checking Results:
    - How do you check your child's academic results?
    - Do you find the result-checking process efficient?

Section 8: Fees Payment

1. Fees Payment Notification:
    - How do you receive notifications for fees payment?
    - Do you find the fees payment notification system effective?
2. Payments:
    - How do you usually make fee payments? (Online, Offline)
    - Have you faced any issues with the payment process?
3. Issues:
    - What issues have you faced related to fees payment?
    - How can these issues be improved?

Questionnaire used in interview
Parents to find more information

Questionnaire (Parents)

Section 9: Parent-Teacher Meetings

1. Parent-Teacher Meeting Notification:
   - How do you get notified about upcoming parent-teacher meetings?
   - Do you find the current notification system effective?
2. Meeting Schedule:
   - How convenient is the parent-teacher meeting schedule for you?
   - Are there any challenges in attending these meetings?
3. Issues:
   - What issues have you encountered in organizing or attending parent-teacher meetings?
   - How can these issues be addressed?

Section 10: Admissions

1. Admission Opening Apply:
   - How do you stay informed about admission openings?
   - Was the process of applying for admission clear and straightforward?
2. Admission Process:
   - How would you describe the admission process? (Easy, Moderate, Difficult)
   - Were there any challenges during the admission process?
3. Issues:
   - What issues did you face during the admission process?
   - How can the admission process be improved?

Additional Comments

1. General Feedback:
   - Do you have any additional comments or suggestions regarding any of the topics discussed?
   - Is there anything else you would like to share about your experience as a parent at the school?

Questionnaire used in interview
Parents to find more information

Questionnaire (Students)

Section 1: Homework

1. Homework Completion:
   - How often do you complete your homework on time?
   - What challenges do you face in completing your homework?
2. Homework Intensity:
   - How do you find the amount of homework assigned?
   - How much time do you spend on homework daily?
3. Homework Incomplete:
   - How often do you leave homework incomplete?
   - What are the main reasons for not completing your homework?

Section 2: Timetable

1. Check Timetable:
   - How often do you refer to your timetable?
   - Do you find your timetable easy to follow?
2. Problem With Timetable:
   - Have you faced any issues with your timetable? If yes, please specify.
   - What changes would you suggest for the timetable?

Section 3: Exam Preparation

1. Check Exam Timetable:
   - How often do you check your exam timetable?
   - Do you find the exam timetable clear and easy to understand?
2. Notes for Exam:
   - Do you take notes regularly for your exam preparation?
   - How do you organize your notes?
3. Other Issues:
   - Have you faced any other issues related to exam preparation? If yes, please specify.

Questionnaire used in interview
Students to find more information

Questionnaire (Students)

Section 4: Note Taking

1. Note Taking:
   - How do you take notes during lectures?
   - Do you find your note-taking method effective?
2. Issues:
   - What issues do you face in note-taking?
   - How can these issues be resolved?

Section 5: Attendance

1. Attendance History:
   - How would you describe your attendance history? (Excellent, Good, Average, Poor)
   - Have you faced any issues with attendance records?
2. Issues:
   - What issues have you faced related to attendance?
   - How can these issues be addressed?

Section 6: Notices

1. Notices:
   - How do you stay informed about school notices?
   - Do you find the notice system effective?
2. Issues:
   - What issues have you faced regarding school notices?
   - How can these issues be improved?

Section 7: Leave Application

1. Leave Apply:
   - How do you apply for leave?
   - Have you faced any difficulties in the leave application process?
2. Issues:
   - What issues have you encountered in applying for leave?
   - How can the leave application process be improved?

Questionnaire used in interview
Students to find more information

Questionnaire (Students)

Section 8: Events

1. Organizing Event:
    - Have you been involved in organizing school events? If yes, please describe your experience.
    - What challenges did you face while organizing events?
2. Participate in Events:
    - How often do you participate in school events?
    - What type of events do you enjoy the most?
3. Issues:
    - What issues have you faced while participating in or organizing events?
    - How can these issues be addressed?

Section 9: Results

1. Checking Results:
    - How do you check your academic results?
    - Do you find the result-checking process efficient?
2. Rechecking:
    - Have you ever requested a recheck of your exam papers? If yes, please describe the process.
    - Were you satisfied with the rechecking process?
3. Issues:
    - What issues have you faced related to checking results or rechecking?
    - How can these issues be improved?

Section 10: Fees Payment

1. Fees Payment Notification:
    - How do you receive notifications for fees payment?
    - Do you find the fees payment notification system effective?

Additional Comments

1. General Feedback:
    - Do you have any additional comments or suggestions regarding any of the topics discussed?
    - Is there anything else you would like to share about your experience at the school?

Questionnaire used in interview
Students to find more information

Interview Candidate (Principal 1)



Name : S***i P******n**

Principal at Upper Primary Government School

Position: The interviewee served as Head Master/Principal for 30 years.

Responsibilities: Managed both administrative and teaching duties, including questioning teachers, making charts, and maintaining inspection registers to monitor weekly classes.

Interview Overview (Principal 1)

Teaching and Lesson Planning:

- **Teaching Role:** Taught English to classes 6 and 7, managed over 50 registers, created timetables, and developed lesson plans.
- **Lesson Planning:** Followed government-issued guidelines for each class and subject, detailing how much syllabus to cover in specific time frames.

Monitoring Attendance:

- **Teacher Attendance:** Monitored through signatures and time records. In cases of low teacher attendance, extra classes and revisions were organized.
- **Student Attendance:** Absent students' records were maintained by class teachers, and parents were contacted if a student was absent for an extended period.

Notice Creation and Distribution:

- **Notice Registers:** Maintained different registers for general events, staff council, and meeting resolutions.
- **Distribution:** Teachers distributed notices as there were no peons in the school.

Leave and Holidays:

- **Leave Management:** Student leave applications were stored by class teachers, while teachers submitted leave applications to the Head Master.
- **Holiday List:** Issued by the government along with the academic calendar and distributed to students and teachers.

Interview Overview (Principal 1)

Exam Management:

- **Exam Paper Creation:** Teachers created exam papers for periodic exams, while half-yearly and final exams were provided by the government to ensure uniformity and prevent leaks.
- **Paper Checking:** Assigned teachers checked exam papers, and results were published after a thorough review process.

Homework and Notes:

- **Homework:** Emphasized the importance of completing homework; teachers encouraged students and involved parents if necessary.
- **Note Taking:** Teachers maintained a pocket diary with essential notes and submitted a detailed teaching plan for each class.

Event Organization:

- **Log Book:** Used to record and sign off on daily events. This log book was inspected by government authorities to ensure the school was functioning properly.

Result Publication:

- **Progress Reports:** Parents were called to collect progress reports, which were stamped and sealed.

Interview Overview (Principal 1)

Parent-Teacher Meetings:

- **Regular Meetings:** Held monthly to discuss students' progress, address concerns, and involve parents in the educational process.

Teacher Salary and Library Management:

- **Salary:** Teachers received their salaries on the 25th of each month, with expenses documented and submitted to the office.
- **Library:** New books were added yearly, registered, and assigned serial numbers for students to borrow and read.

Issue Resolution:

- **Student Issues:** Managed through counseling, writing undertakings, and addressing complaints.
- **Teacher Issues:** Addressed in meetings with the Head Master to clear up any concerns.
- **Parent Issues:** Handled through meetings with teachers, counseling sessions, and addressing specific incidents such as bullying.

Admissions:

- **Process:** Parents filled out forms, which were verified and signed by the Head Master. All admissions were recorded and stored for future reference.

Interview Candidate (Principal 2)



Name : B***h P******n**

Principal at Secondary Government School

Position: Served as Principal at a Secondary Government School.

Responsibilities: Taught English and Math for classes 6 to 9, balancing teaching with administrative responsibilities..

Interview Overview (Principal 2)

Homework and Assessment:

- Assigned homework regularly, with around 50% of students completing it.
- Due to large class sizes (60 students per section), conducted random checks on homework rather than reviewing each student's work.
- Gave warnings to students who failed to complete their homework.

Timetable and Lesson Planning:

- Did not personally create timetables for students or teachers; this was handled by senior teachers with subject expertise.
- Ensured that lesson plans were made by teachers for their subjects and conducted surprise visits to monitor teaching quality.

Examinations and Results:

- Exam papers, including half-yearly and final exams, were provided by the government.
- Teachers specialized in particular subjects were responsible for grading exam papers, with rechecks conducted if students raised concerns.
- Results were published by class teachers, who compiled marks and created merit lists.

Attendance Monitoring:

- Monitored student attendance, issuing warnings to those with attendance below 60%.
- Also kept track of teacher attendance, issuing warnings when necessary.

Leave Management:

- Granted student leave based on written applications.
- Managed teacher leave based on urgency, with an annual allowance of 15 casual leaves and 4 optional leaves. Teachers also had roster duties during holidays.

Interview Overview (Principal 2)

Notice Distribution:

- Notices for teachers were distributed through a notice book, requiring signatures.
- Students were informed through blackboard announcements, which they had to copy and sign.

Event and Library Management:

- Organized school events, such as Independence Day celebrations, with detailed notices and schedules.
- The school’s library was well-managed by a librarian and an assistant librarian.

Admission Process:

- Admissions were conducted based on an entrance exam, followed by the admission process.

Parental Engagement:

- Held Parent-Teacher Meetings (PTM) as needed, although regular monthly meetings were not always feasible. Meetings focused on improving student performance through parent-teacher coordination.

Salary and Expenses Management:

- Teacher salaries were predefined by the government and managed accordingly.
- School expenses were covered by government-provided contingency funds.

Interview Candidate (Principal 3)



Name : H***t P******n**

Principal at Private School

Position: Served as Principal at a Private Public School.

Responsibilities: English and Mathematics for grades 7 and 8 but primarily focuses on administrative tasks. Teaching a few classes helps stay connected with students' academic experiences.

Interview Overview (Principal 3)

Homework and Checking: Homework is assigned to reinforce class learning. Teachers check homework, with the Principal conducting random checks to monitor effectiveness and provide additional support as needed.

Timetable Management: A senior teacher creates the timetable based on subject expertise, while the Principal reviews and approves it to ensure alignment with academic goals.

Exam Papers and Evaluation: Exam papers for major assessments are prepared by the government, with additional in-house papers created by faculty. Teachers grade the exams, and the Principal oversees the process, including handling any rechecking requests.

Attendance Monitoring: Attendance is tracked using a digital system. Students with low attendance receive warnings, and teacher absences are managed with direct communication to ensure minimal disruption.

Leave Management: Students submit written leave applications, and teacher leave is managed based on urgency and impact on classes. Teachers are allowed a specific number of casual and optional leaves annually.

Notice Distribution: Notices are distributed via email and posted on notice boards for staff, while students receive announcements through morning assemblies and the school’s digital platform.

Event Organization: Events are planned by an events committee, with the Principal overseeing to ensure they align with educational objectives. Events include Annual Day, Sports Day, and cultural festivals.

Interview Overview (Principal 3)

Library Management: The library is managed by a librarian and assistant, with regular updates to the collection. Students are encouraged to use the library and participate in related activities.

Student Admissions: Admissions involve an entrance exam and interviews. The process assesses academic potential and alignment with the school's values, followed by orientation for new students and parents.

Parent-Teacher Meetings (PTMs): PTMs are held quarterly to discuss student progress and address parent concerns. Additional meetings are available for urgent issues.

Staff Salary and School Expenses: Salaries are processed through a payroll system, ensuring timely payments based on qualifications and performance. School expenses are managed through a budget reviewed regularly for financial sustainability.

Issue Resolution: Student issues are addressed by the counseling department, while teacher concerns are managed through regular staff meetings and an open-door policy for communication.

Interview Candidate (Teacher 1)



Name : B***a P******n**

Teacher at Primary Government School

Position: Served as Teacher at a Primary Government School.

Responsibilities: Handles all subjects (Hindi, Math, Social Studies, English) for grades 1 to 7.

Interview Overview (Teacher 1)

Homework: Homework is assigned but not strictly enforced due to the high student-teacher ratio and multiple classes managed by a single teacher. The teacher focuses on in-class assignments and ensures students complete tasks during lessons if homework is not done at home.

Timetable and Class Management: Timetables are created but often not strictly followed due to limited staff. The teacher manages multiple classes simultaneously and adjusts teaching plans as needed.

Exam Papers and Checking: Exam papers for major exams come from the government, while periodic exams are created by the teacher. Papers are checked during free periods or while students are engaged in other activities. Rechecking is done upon student request to resolve any doubts.

Notes and Curriculum: Notes are not shared; students take their own from classwork. The teacher maintains a diary to plan daily lessons and creates a yearly plan in collaboration with other teachers. However, the execution often varies due to staffing constraints.

Interview Overview (Teacher 1)

Attendance: Attendance is recorded in registers. Frequent absences are reported to the Headmaster and guardians are notified.

Leave Management: Leave is applied for as needed, with optional leave available for important reasons.

Event Management: Major events are organized with the help of senior members and documented in a logbook.

Results Publication: Results are compiled into report cards, which include feedback on student performance. Parents are invited to collect report cards on result days.

Parent-Teacher Meetings (PTAs): PTA meetings are held to discuss student performance and address any issues with parents.

Interview Candidate (Teacher 2)



Name : R***l P******n**

Teacher at Private School

Position: Served as Teacher at a Public Private School.

Responsibilities: Teaches English and Math for grades 1 through 5 and Focuses on building a strong foundation in these subjects.

Interview Overview (Teacher 2)

Homework:

- Assigns homework regularly to reinforce class concepts.
- Most students complete their homework; additional support is provided as needed.

Checking Homework:

- Homework is checked daily.
- Allocates time for reviewing assignments and giving feedback.
- Follows up with students who do not complete their homework.

Timetable:

- Timetables are well-organized and adhere to a structured schedule.
- Adjustments are made in coordination with the head of the department if necessary.

Exam Papers:

- Creates exam papers for internal assessments and periodic exams.
- Major exams are standardized by the school or educational board.

Sharing Notes:

- Shares detailed notes with students.
- Encourages students to take their own notes during class.

Paper Checking:

- Checks papers promptly and provides detailed feedback.
- Re-evaluates papers upon student request in their presence.

Interview Overview (Teacher 2)

Curriculum:

- Follows a structured curriculum provided by the school.
- Prepares lesson plans in advance to ensure comprehensive coverage of topics.

Student Attendance:

- Takes attendance at the start of each class and maintains accurate records.
- Follows up on frequent absences with students and their parents.

Leave Application:

- Submits leave requests through an official process with advance notice.
- Ensures arrangements are made for any missed classes.

Event Management:

- Participates in planning and organizing events through a dedicated committee.
- Ensures effective coordination and communication of event details.

Results Publication:

- Compiles student results into report cards.
- Parents are invited to collect report cards during scheduled meetings, where student progress is discussed.

Parent-Teacher Meetings (PTAs):

- Holds regular PTAs, typically once a term.
- Meetings are used to discuss student performance, set goals, and address concerns.

Interview Candidate (Parent 1)



Name : A***n P******n**

Parent of Child at Private School

Position: Child is studying in Class 1 at City International School.Joined the school in July 2024.

Interview Overview (Parent 1)

Homework:

- Homework is assigned daily.
- Covers subjects being studied in class.
- Homework intensity is light, suitable for a first-grader.

Timetable:

- Timetable is accessible via the school's app.
- Parents check the timetable daily before sending their child to school.

Exams:

- No exams have occurred yet due to the recent start of the school year.

Leave:

- Child took a 2-week leave in April before the summer break and resumed in July.
- Leave applications are handled through the app; planned leave can be recorded, while unplanned absences are marked by the teacher.

Fee Payment:

- Fees are paid online through the school app, with a three-month advance payment requirement.

Parent-Teacher Meetings (PTM):

- Attended one PTM on June 3rd.
- The meeting discussed the child's progress.
- PTMs are held quarterly.
- Parents choose not to bring their child to avoid them overhearing any negative feedback.

Interview Overview (Parent 1)

Time Management:

- Parent takes half a day off work to attend school-related events.
- Notifications about PTM and other events are received a week in advance.

Communication with Teachers:

- Issues faced by the child are communicated to teachers.
- Teachers acknowledge and address the concerns.

Child's Transportation:

- The child is dropped off at school by the parent in the morning and picked up by the mother in the afternoon.

Admission Process:

- Shortlisted schools based on location and availability of contact information.
- Contacted schools, conducted online interviews, submitted documents, and paid the admission fee via bank transfer.
- Received a user ID for the school app, and classes began after a one-month wait.

Interview Candidate (Parent 2)



Name : S***a P******n**

Parent of Child at Private School

Position: Child is studying in Class 2 at Horizon International School. School started on 2023.

Interview Overview (Parent 2)

Homework and Timetable

- Homework is assigned daily and covers subjects taught in class.
- The intensity of homework is moderate.
- The timetable is accessed through the school's online portal, and the parent checks it weekly.

Exams and Leave Management

- Small tests have occurred, with the first major exam scheduled for next month.
- The child took a week off in February for a family vacation.
- Planned leave requests are submitted through the school app, while unplanned absences are reported by the teacher.

Fee Payment and Parent-Teacher Meetings

- Fees are paid online through the school's portal, typically for each term in advance.
- The last parent-teacher meeting was in June, focusing on academic and social development.

Managing Time and Communication

- The parent adjusts their work schedule to attend school events, often by taking a few hours off.
- Issues are discussed directly with teachers via email or meetings, with responsive communication from the school.

Child's Travel and Admission Process

- The child is primarily dropped off and picked up by the parent, with occasional use of the school bus.
- The admission process included online research, a school visit, an interview, and document submission, with payment completed online.

Interview Candidate (Student 1)



Name : A***n M******a**

Student at Private School

Position: Student at Class 10 at Horizon International School. .

Interview Overview (Student 1)

Academic Schedule

- Subjects Studied: English, Math, Science, Social Studies, Computer Science.
- Daily Schedule: Classes from 8:00 AM to 3:00 PM with a 15-minute break in the morning and an hour for lunch.

Homework and Exams

- Homework Assignment: Daily assignments given in each subject, with Math and Science being more intensive.
- Homework Intensity: Varies; Math has more problems, while English often involves reading or essays.
- Exams: Unit tests and quizzes have been conducted; major exams are scheduled for the coming month.

School Events and Extracurricular Activities

- Event Management: Notices for major events are given in advance; preparation occurs during special classes or after school.
- Extracurricular Participation: Member of the debate club and soccer team, with practices after school.

Timetable and Organization

- Timetable Management: Checked daily on the school app to stay organized and plan study sessions.

Interview Overview (Student 1)

Teacher Interaction and Feedback

- Teacher Interaction: Questions are asked during class and via email. Teachers are responsive and helpful.
- Feedback: Provided in class and through the online portal, with comments on assignments and exams.

Leave and Absences

- Leave Procedure: Requires a note from parents and submission to the school office; planned absences are communicated in advance.

School Facilities and Resources

- Facilities Usage: Library for research and studying; computer lab for assignments and projects.

Interview Candidate (Student 2)

Name : R***n M******a**

Student at Private School

Position: Student at Class 9 at Horizon International School. .

Interview Overview (Student 2)

Daily Schedule:

- School starts at 8:30 AM and ends at 3:30 PM with six periods, breaks, and a lunch period.

Subjects:

- She studies English, Math, Science, Social Studies, French, and Computer Science.

Homework:

- Assigned daily, with tasks posted on the school’s online portal. She manages homework using a planner, breaking tasks into smaller segments.

Exams:

- Regular quizzes and unit tests, with major exams scheduled for the upcoming month. Teachers provide review sheets and dedicated review classes.

Timetable:

- Managed via a school app, which She uses to track daily schedules and any updates.

Extracurricular Activities:

- Active in the drama club and debate team, participating in rehearsals and practice sessions. Also involved in organizing school events.

Teacher Interaction:

- She seeks help during or after class, via email, or the school’s online messaging system. Teachers are responsive and supportive.

Affinity Mapping

1. Communication Needs

- **Parents:**
  - **App-Based Notifications:** Parents prefer notifications about homework, events, and fee payments via the app.
  - **Parent-Teacher Interaction:** Parents want regular updates on student progress and the ability to communicate with teachers easily.
- **Teachers:**
  - **Ease of Communication:** Teachers need a platform to share homework, assignments, and feedback efficiently.
  - **Timely Updates:** Teachers require an effective way to inform parents about student performance and attendance.
- **Headmasters:**
  - **Centralized Communication:** A need for a centralized system to manage notices, events, and communications.
  - **Attendance Tracking:** Headmasters require accurate attendance tracking and reporting functionalities.
- **Students:**
  - **Homework and Class Updates:** Students want easy access to homework assignments, class schedules, and exam dates.

2. Parental Engagement

- **Parents:**
  - **Regular Updates:** Parents desire frequent updates on their child's progress and school activities.
  - **Meeting Scheduling:** Convenience in scheduling and attending parent-teacher meetings.
- **Teachers:**
  - **Feedback Mechanisms:** Teachers need to provide feedback on student work and performance.
- **Headmasters:**
  - **Parental Involvement:** Headmasters are interested in tools that increase parental involvement in school events and academic progress.
- **Students:**
  - **Progress Tracking:** Students want to track their own progress and receive timely feedback on performance.

Affinity Mapping

Efficiency in School Management

- **Headmasters:**
  - **Administrative Efficiency:** Desire for efficient management of timetables, leave applications, and event organization.
  - **Inspection and Reporting:** Tools for inspection reports and administrative oversight.
- **Teachers:**
  - **Timetable Management:** Teachers need a system that supports easy timetable updates and classroom management.
  - **Homework and Exam Management:** Streamlined processes for assigning and reviewing homework and exams.
- **Parents:**
  - **Fee Payment:** Simple online fee payment and tracking system.
- **Students:**
  - **Access to Resources:** Easy access to educational resources, homework, and class materials.

Features and Functionalities

- **Parents:**
  - **App Integration:** App should integrate notifications, fee payments, and meeting schedules.
  - **User-Friendly Interface:** Easy navigation and clear information display.
- **Teachers:**
  - **Resource Sharing:** Ability to share notes, homework, and class updates.
  - **Performance Tracking:** Tools for tracking and reporting student performance.
- **Headmasters:**
  - **Dashboard:** Centralized dashboard for managing school-wide data, notices, and events.
  - **Attendance and Leave Management:** Tools for managing and tracking attendance and leave requests.
- **Students:**
  - **Interactive Features:** Features for accessing assignments, tracking progress, and receiving feedback.

Summary of Affinity Mapping

Enhanced Communication:

- Centralized notifications for homework, events, and performance.
- Easy communication channels between parents, teachers, and school administration.

Engagement and Feedback:

- Tools for regular updates on student progress.
- Features for scheduling parent-teacher meetings and providing feedback.

Operational Efficiency:

- Streamlined processes for managing timetables, leave applications, and school events.
- Efficient systems for fee payments and performance tracking.

User Experience and Features:

- Intuitive app interface for easy navigation.
- Comprehensive features for sharing resources, managing performance, and tracking academic progress.

Insights and Observations

Communication Needs

Insights:

- **Centralized Communication**: Both parents and headmasters emphasize the need for a centralized communication system for notices, updates, and alerts.
- **Direct Interaction**: Parents and teachers desire a streamlined way to communicate directly regarding student progress and issues.
- Timely Notifications: There is a strong preference for receiving timely updates about homework, events, and important announcements via the app.

Observations:

- **Current Gaps:** Existing communication methods are often fragmented, leading to delays and missed information.
- **App Requirements:** The app should include features for real-time notifications, direct messaging between parents and teachers, and a centralized dashboard for school-wide announcements.

Parental Engagement

Insights:

- **Regular Updates:** Parents want consistent updates on their child's performance and school activities to stay engaged.
- **Meeting Scheduling:** The ability to schedule and manage parent-teacher meetings through the app would be highly valued.
- **Performance Tracking:** Tools that allow parents to monitor academic progress and feedback are important for engagement.

Observations:

- **Existing Practices:** Parents currently rely on in-person meetings and periodic reports, which may not be convenient or timely.
- **App Requirements:** The app should feature progress tracking, meeting scheduling, and easy access to feedback and performance reports.

Insights and Observations

Efficiency in School Management

Insights:

- **Administrative Tools:** Headmasters and teachers need tools that streamline the management of timetables, leave applications, and event organization.
- **Efficient Resource Management:** There is a need for efficient systems to manage homework assignments, exam papers, and attendance.
- **Fee Management:** Parents and schools benefit from a simplified fee payment and tracking system.

Observations:

- **Current Practices:** Manual processes for administration and management are time-consuming and prone to errors.
- **App Requirements:** The app should include features for timetable management, leave and attendance tracking, event organization, and online fee payments.

User Experience and Features

Insights:

- **User-Friendly Interface:** Both parents and students need an intuitive and easy-to-navigate app interface.
- **Resource Access:** Students require easy access to homework assignments, class schedules, and educational resources.
- **Feedback Mechanisms:** Effective feedback mechanisms for students' work and performance are necessary.

Observations:

- **Design Needs:** The app must be designed to cater to various user needs, with a focus on ease of use and accessibility.
- **Feature Set:** Key features should include interactive elements for assignments, performance tracking, and feedback, along with a user-friendly dashboard.

Summary of Key Insights and Observations

Centralized Communication:

- Develop a notification system for real-time updates.
- Implement direct messaging features between parents and teachers.
- Create a centralized dashboard for school-wide announcements.

Parental Engagement:

- Provide regular updates on student performance and school activities.
- Include features for scheduling and managing parent-teacher meetings.
- Offer tools for performance tracking and feedback access.

Efficiency in School Management:

- Integrate administrative tools for timetable management, leave applications, and event organization.
- Implement a system for online fee payments and tracking.
- Streamline homework assignments, exam management, and attendance tracking.

User Experience and Features:

- Design an intuitive and easy-to-navigate app interface.
- Include features for accessing homework, schedules, and resources.
- Ensure effective feedback mechanisms for student performance.

SWOT Analysis

Strengths

Streamlined Communication

- **Strength:** Centralized platform for real-time notifications, announcements, and direct messaging between parents and teachers enhances communication efficiency.
- **Supporting Evidence:** Headmasters and parents expressed the need for timely and centralized updates.

Enhanced Parental Engagement

- **Strength:** Features like progress tracking, performance reports, and meeting scheduling improve parental involvement and support.
- **Supporting Evidence:** Parents desire regular updates and an easy way to engage with teachers.

Administrative Efficiency

- **Strength:** Automated tools for managing timetables, attendance, leave applications, and fee payments can reduce administrative workload and errors.
- **Supporting Evidence:** Headmasters and teachers highlighted inefficiencies in current manual processes.

User-Friendly Interface

- **Strength:** A well-designed, intuitive interface can cater to diverse user needs, including students, parents, and teachers.
- **Supporting Evidence:** Both parents and students require an easy-to-navigate platform for accessing information and resources.

SWOT Analysis

Weaknesses

Initial Development and Implementation Costs

- **Weakness:** Developing and implementing a comprehensive platform requires significant financial investment and resources.
- **Supporting Evidence:** Cost concerns are often a barrier in adopting new technology solutions

.

User Adaptation

- **Weakness:** There may be resistance from users who are accustomed to traditional methods and are hesitant to adapt to a new digital platform.
- **Supporting Evidence:** Users might face a learning curve and may require training and support to effectively use the new system.

Integration with Existing Systems

- **Weakness:** Integrating the new platform with existing school management systems and databases could be complex and challenging.
- **Supporting Evidence:** Headmasters noted existing manual processes that may need to be integrated or replaced.

Data Privacy and Security

- **Weakness:** Ensuring data privacy and security for sensitive student and parent information is crucial and can be challenging.
- **Supporting Evidence:** Parents and schools need assurances that their data will be protected against breaches and unauthorized access.

SWOT Analysis

Opportunities

Improved Parental Engagement and Satisfaction

- **Opportunity:** Increased parental involvement and satisfaction can lead to better student outcomes and stronger school-community relationships.
- **Supporting Evidence:** Enhanced communication and engagement features address parents' needs for better involvement.

Scalability and Flexibility

- **Opportunity:** The platform can be scaled and customized to meet the needs of various schools, including different educational levels and administrative requirements.
- **Supporting Evidence:** The app can evolve with additional features and integrations based on user feedback and changing needs.

Enhanced Educational Outcomes

- **Opportunity:** Streamlined processes and improved communication can contribute to better academic performance and administrative efficiency.
- **Supporting Evidence:** Teachers and headmasters highlighted the potential for improved management and oversight.

Technology Adoption Trends

- **Opportunity:** Growing trends towards digital solutions in education present a favorable environment for adopting and implementing such platforms.
- **Supporting Evidence:** There is increasing acceptance and reliance on digital tools in educational settings.

SWOT Analysis

Threats

Technical Issues and Downtime

- **Threat:** Technical problems or system downtime can disrupt school operations and affect user trust in the platform.
- **Supporting Evidence:** Reliable performance and uptime are critical for maintaining user satisfaction and trust.

Resistance to Change

- **Threat:** Resistance from staff, parents, or students who prefer traditional methods can hinder the successful adoption of the new platform.
- **Supporting Evidence:** Change management challenges may arise as users transition from existing systems to the new app.

Compliance with Regulations

- **Threat:** Ensuring compliance with educational regulations and data protection laws is essential and can be complex.
- **Supporting Evidence:** Compliance with data privacy laws (e.g., GDPR) and educational standards is crucial for legal and operational reasons.

Competitive Market

- **Threat:** The presence of other school management platforms with similar features can create competitive pressure and necessitate differentiation.
- **Supporting Evidence:** The market for educational technology is competitive, requiring continuous innovation and improvement to stand out.

Problem Statement

Objective:

To develop a comprehensive web/mobile app-based school management platform that streamlines communication between parents and schools, enhances parental engagement, and improves the efficiency of school management processes.

Problem Statement

Key Challenges Identified:

1. **Inefficient Communication Channels:**
   - **Current State:** Communication between parents and schools is often fragmented, relying on multiple channels such as paper notices, word-of-mouth, or sporadic meetings.
   - **Need:** A centralized, real-time communication platform that ensures parents receive timely updates on their child's academic progress, attendance, and school events.
2. **Limited Parental Engagement:**
   - **Current State:** Parents, especially those with busy schedules, struggle to stay actively involved in their child's education due to a lack of accessible tools and clear communication from schools.
   - **Need:** Tools that allow parents to easily monitor their child's progress, participate in discussions, and engage in school activities without the need for frequent physical presence.
3. **Administrative Inefficiencies:**
   - **Current State:** Schools, particularly those with limited staff, face challenges in managing administrative tasks such as timetable creation, attendance tracking, and exam scheduling, which are often done manually.
   - **Need:** Automated solutions to streamline these processes, reduce workload, and minimize errors, allowing educators to focus more on teaching.
4. **Data Management and Accessibility:**
   - **Current State:** Student records, attendance data, and academic performance are often stored in multiple, non-integrated systems, making it difficult for stakeholders to access comprehensive data quickly.
   - **Need:** A centralized database that securely stores and allows easy access to all necessary information, ensuring transparency and quick retrieval.
5. **Resistance to Technology Adoption:**
   - **Current State:** Both educators and parents may resist transitioning from traditional methods to digital solutions due to unfamiliarity or perceived complexity.
   - **Need:** A user-friendly platform that provides necessary training and support, making the transition smooth and encouraging widespread adoption.

Problem Statement

Proposed Solution:

Develop a comprehensive web/mobile app-based school management platform designed to address these challenges. The platform will:

- **Streamline Communication:** Offer real-time notifications, messaging, and updates in one centralized platform, ensuring that parents, teachers, and administrators are always on the same page.

- **Enhance Parental Engagement:** Provide features like progress tracking, direct communication channels, and event notifications, allowing parents to actively participate in their child's education from anywhere.

- **Improve Administrative Efficiency:** Automate routine tasks such as attendance tracking, timetable management, and exam scheduling, reducing the administrative burden on teachers and school staff.

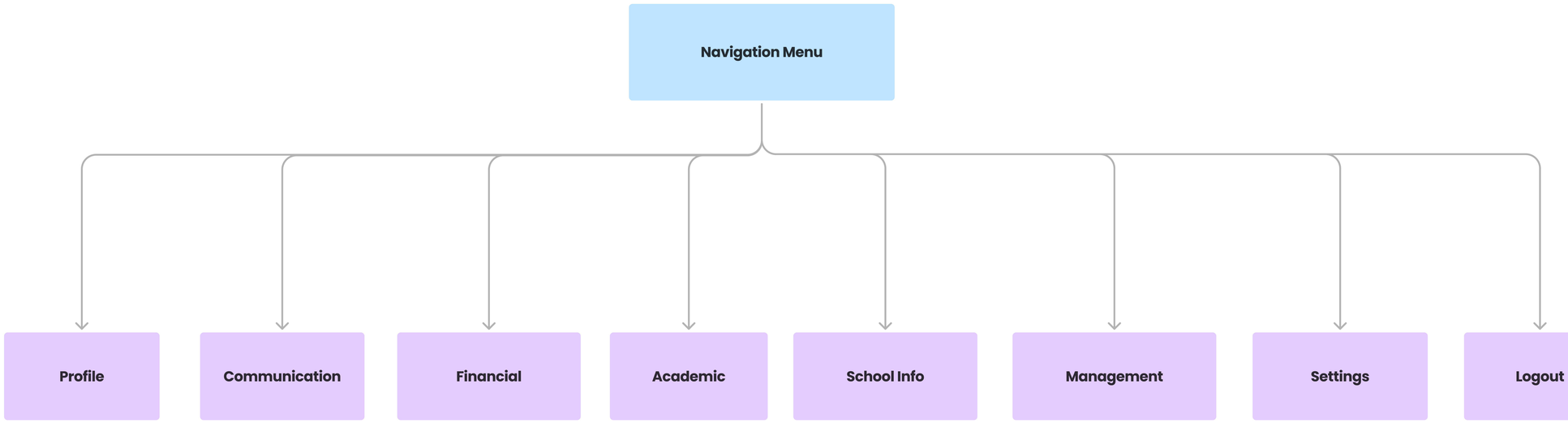
- **Ensure Data Security and Accessibility:** Maintain a secure, centralized database of student records, attendance, and academic data, easily accessible to authorized users.

- **Facilitate Easy Adoption:** Design an intuitive interface with built-in support and training modules to assist users in transitioning smoothly from traditional methods to the digital platform.

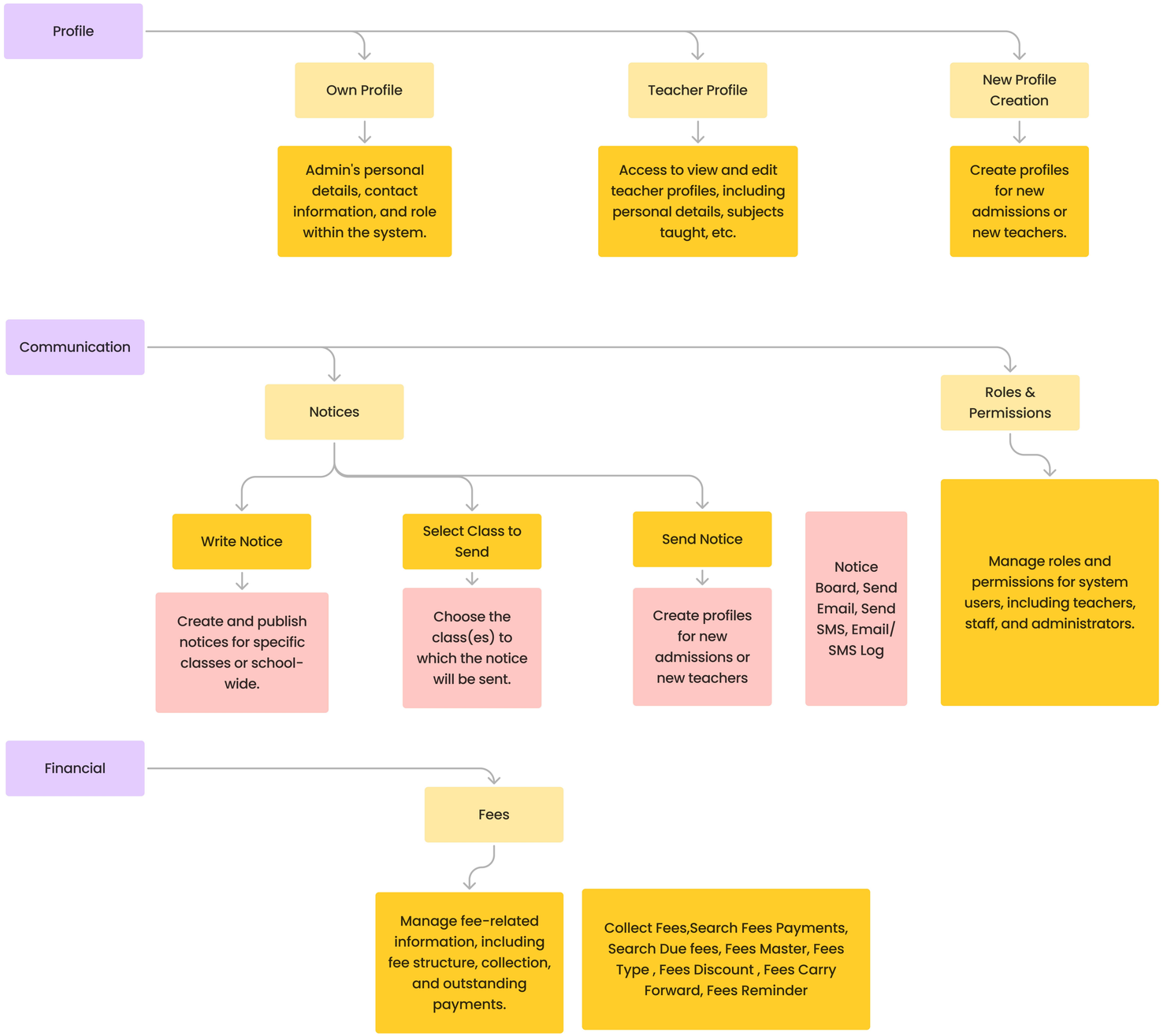
Information Architecture (Registration)

Admin Registration	School Registration	Creation of Classes	Upload Students Data	Upload Teachers Data	Timetable	Generate Temporary Credentials:
Registration Form: • Input fields for admin's personal information (name, email, etc.). • OTP verification for security. • Upon verification, prompt to create a password for the admin profile. • Submit button to create the admin profile.	School Details Form: • Input fields for school information (name, location, affiliation, timings, logo upload). • Submit button to register the school.	Class Creation Form: • Input fields for specifying the number of classes and sections for each class. • Submit button to create classes and sections.	Students Data Upload: • File upload option to upload student data spreadsheet (name, age, address, parents' names, contact details). • Submit button to upload student data.	Teachers Data Upload: • File upload option to upload teacher data spreadsheet (name, age, address, mobile number, email). • Submit button to upload teacher data.	Timetable Creation: • Assigns each class a class teacher. • Each class has a different timetable. • Schedule creation interface where admin assigns subjects, teachers, and timings for each class. • Submit button to finalize the timetable.	Credentials Generation: • Generates temporary credentials for each person (admin, teachers, students). • Option to download the credentials for distribution. • Each credential includes a unique username and password for login.

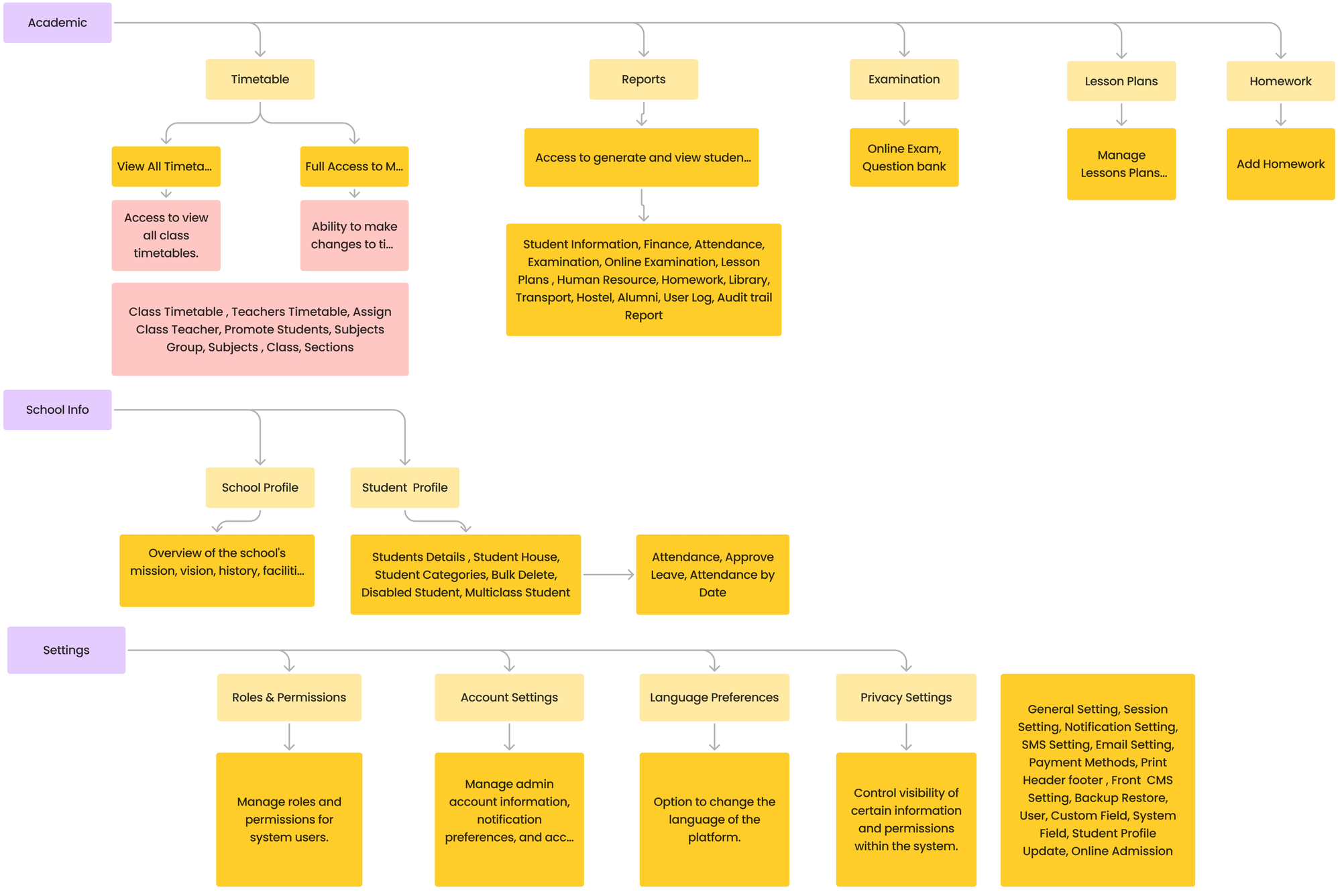
Information Architecture (Principal)



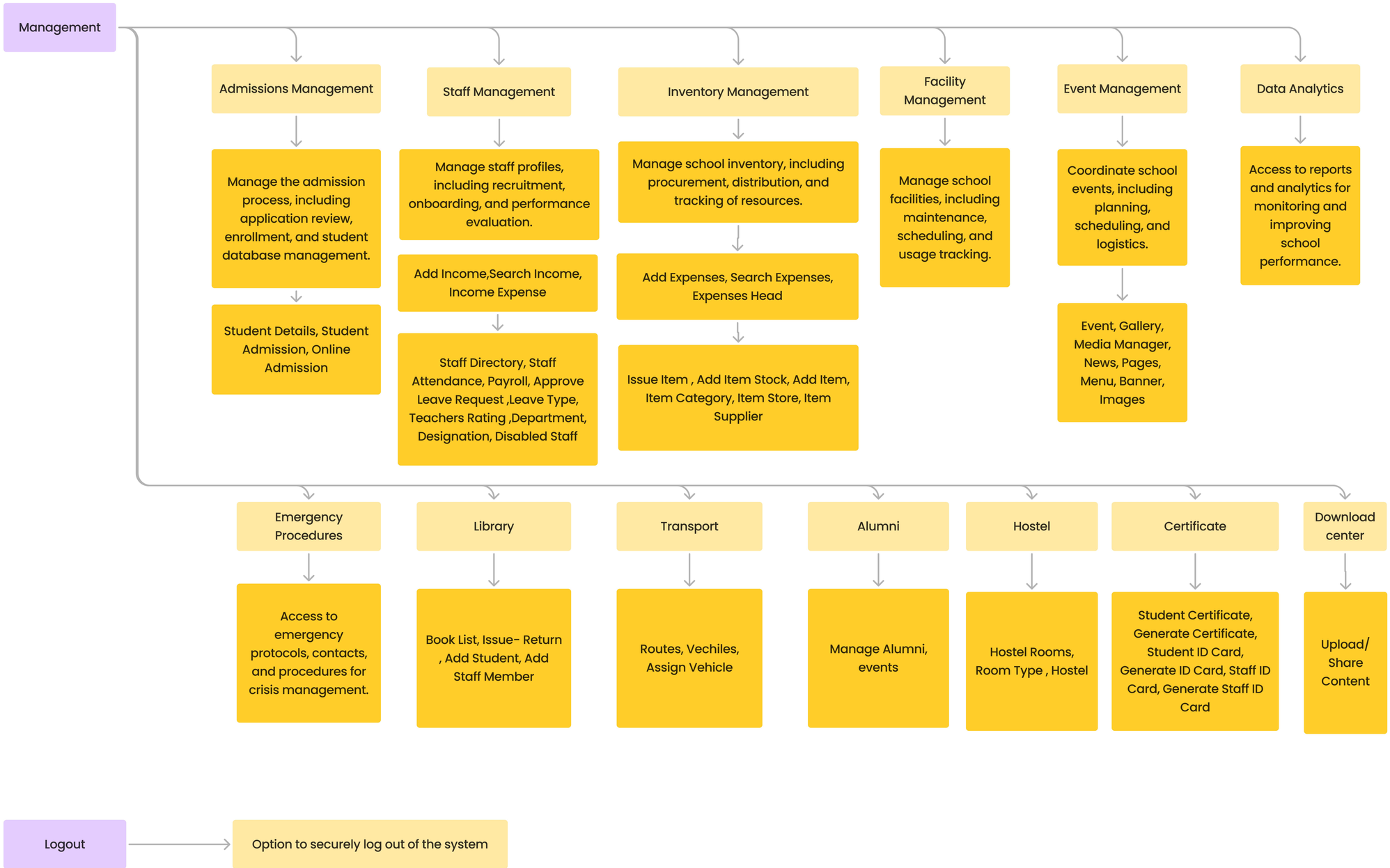
Information Architecture (Principal)



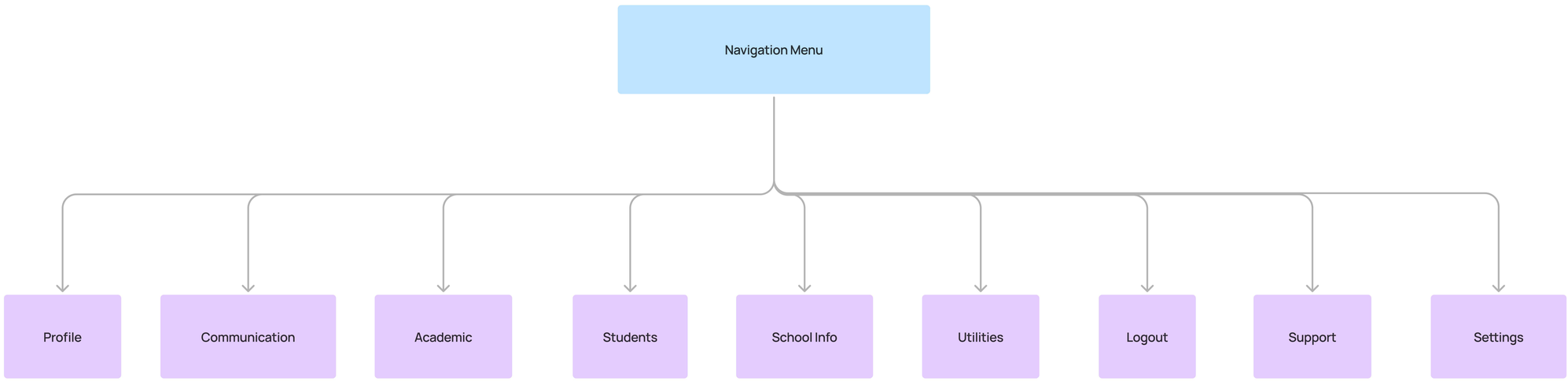
Information Architecture (Principal)



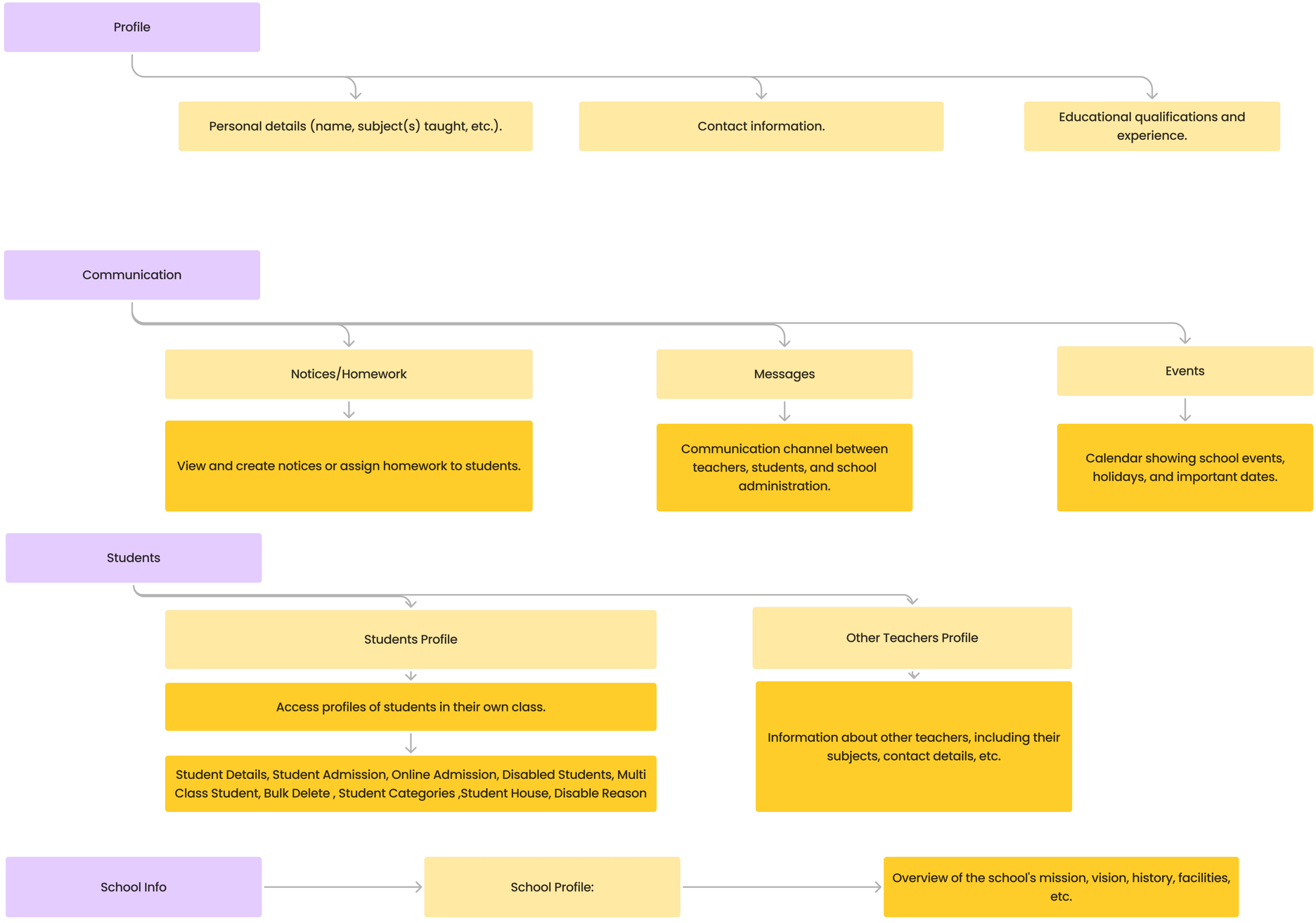
Information Architecture (Principal)



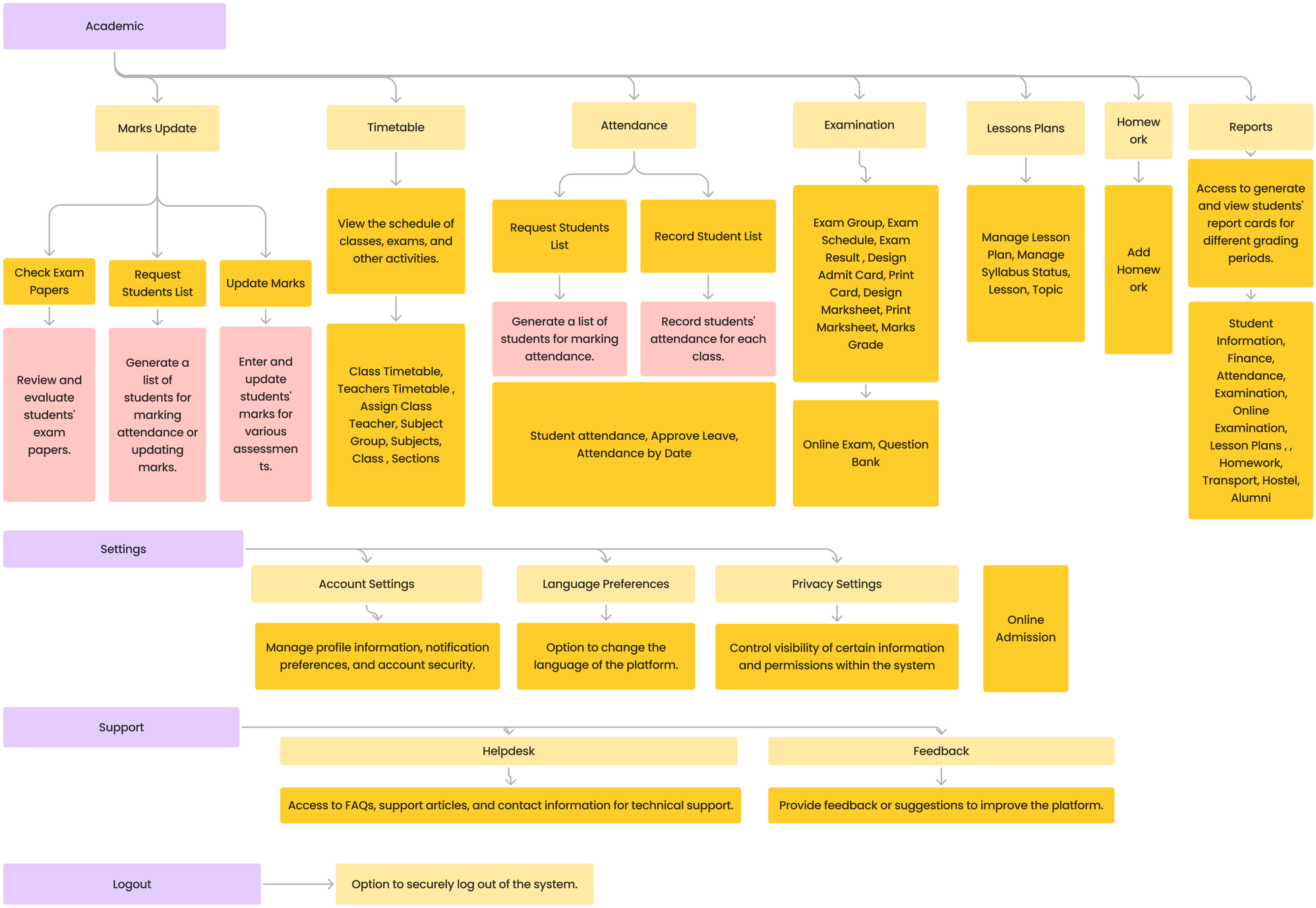
Information Architecture (Teacher)



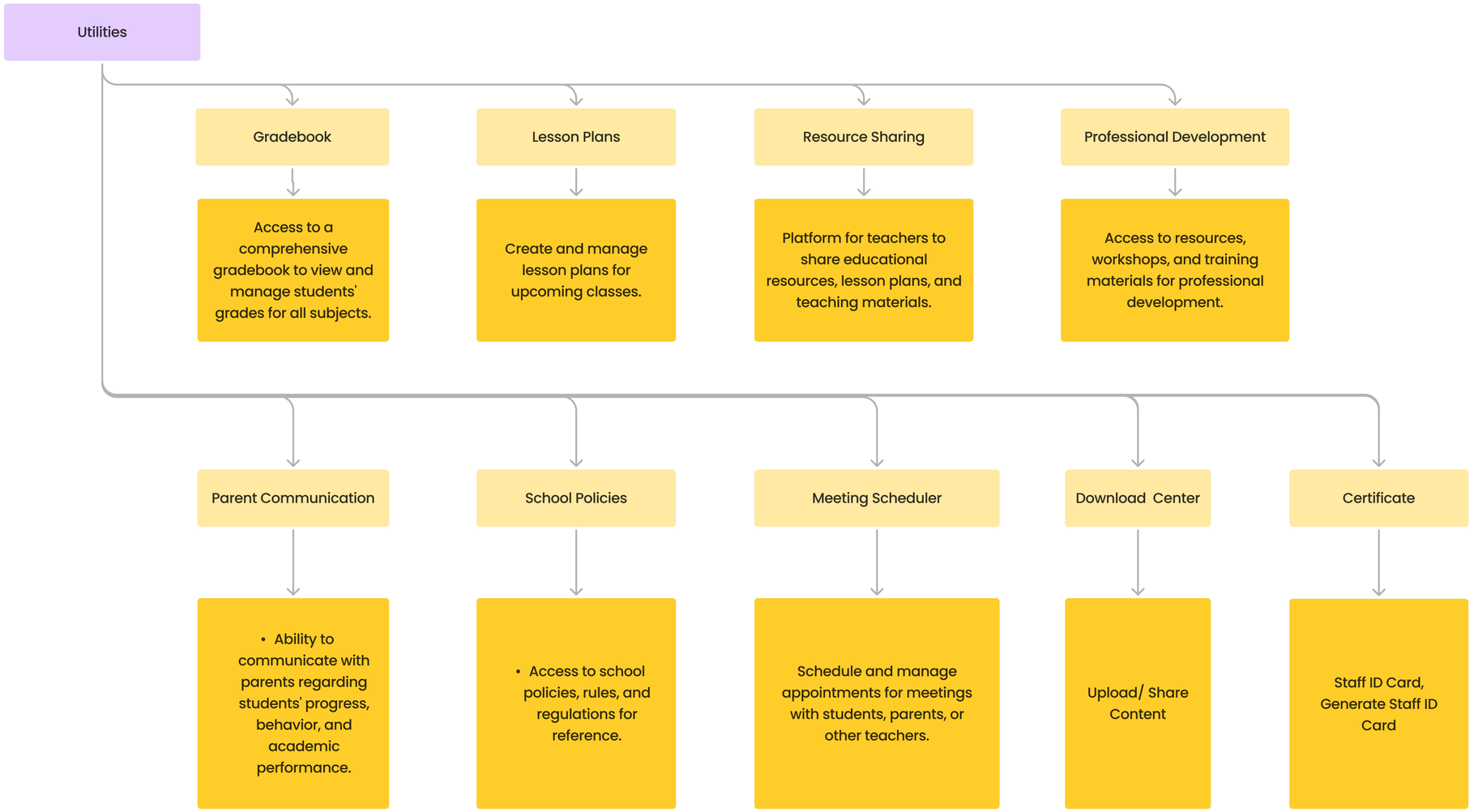
Information Architecture (Teacher)



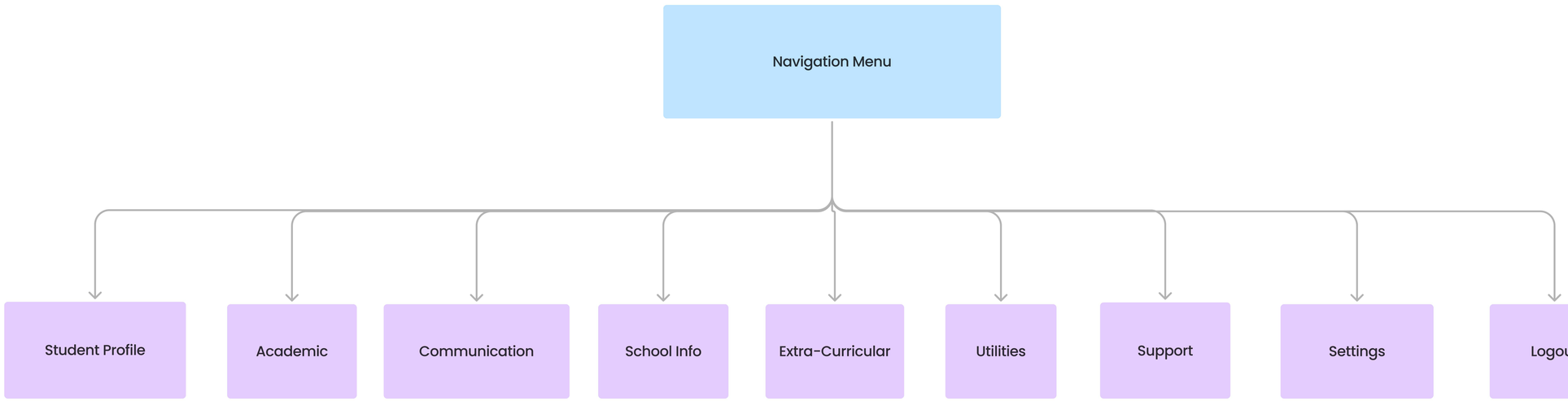
Information Architecture (Teacher)



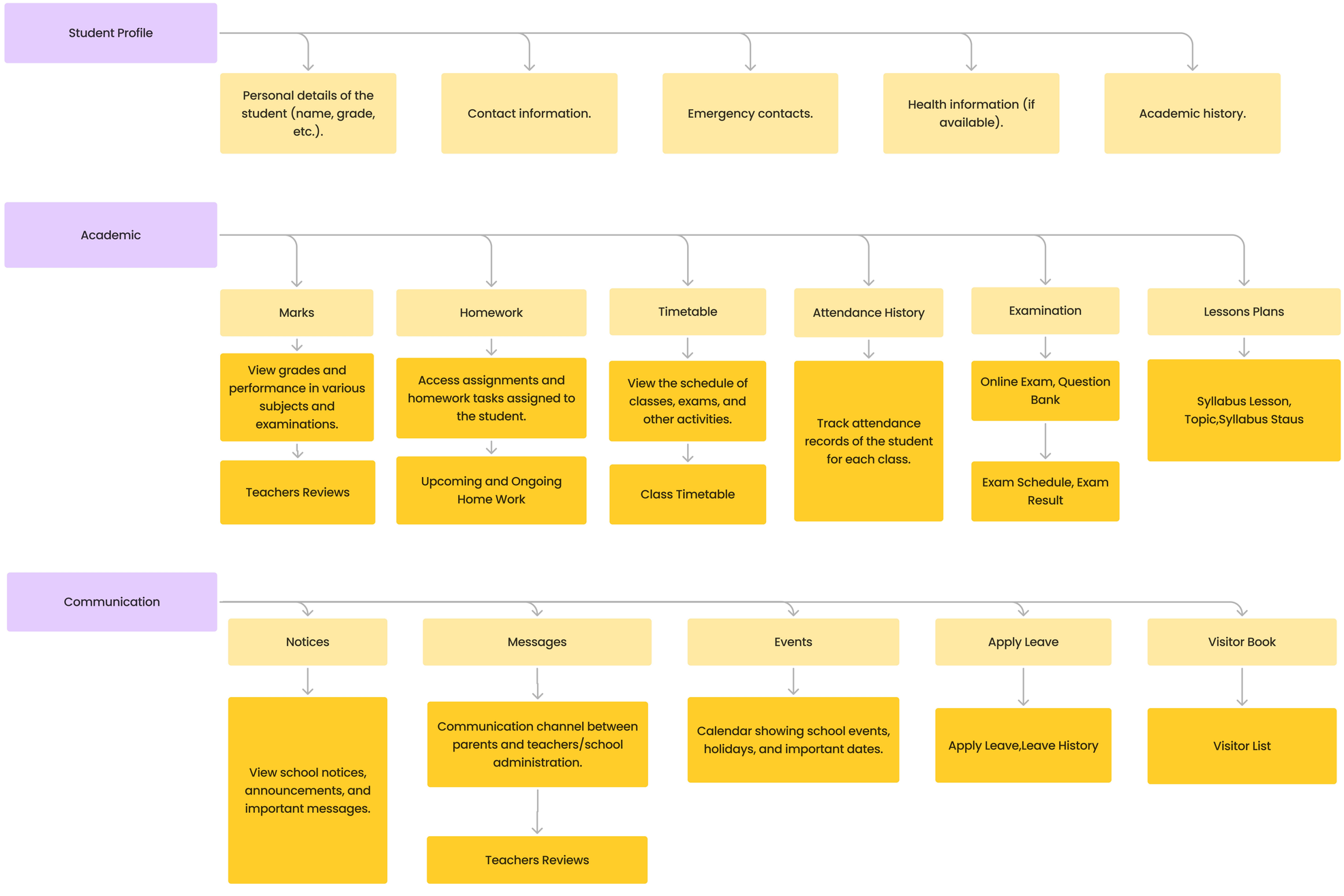
Information Architecture (Teacher)



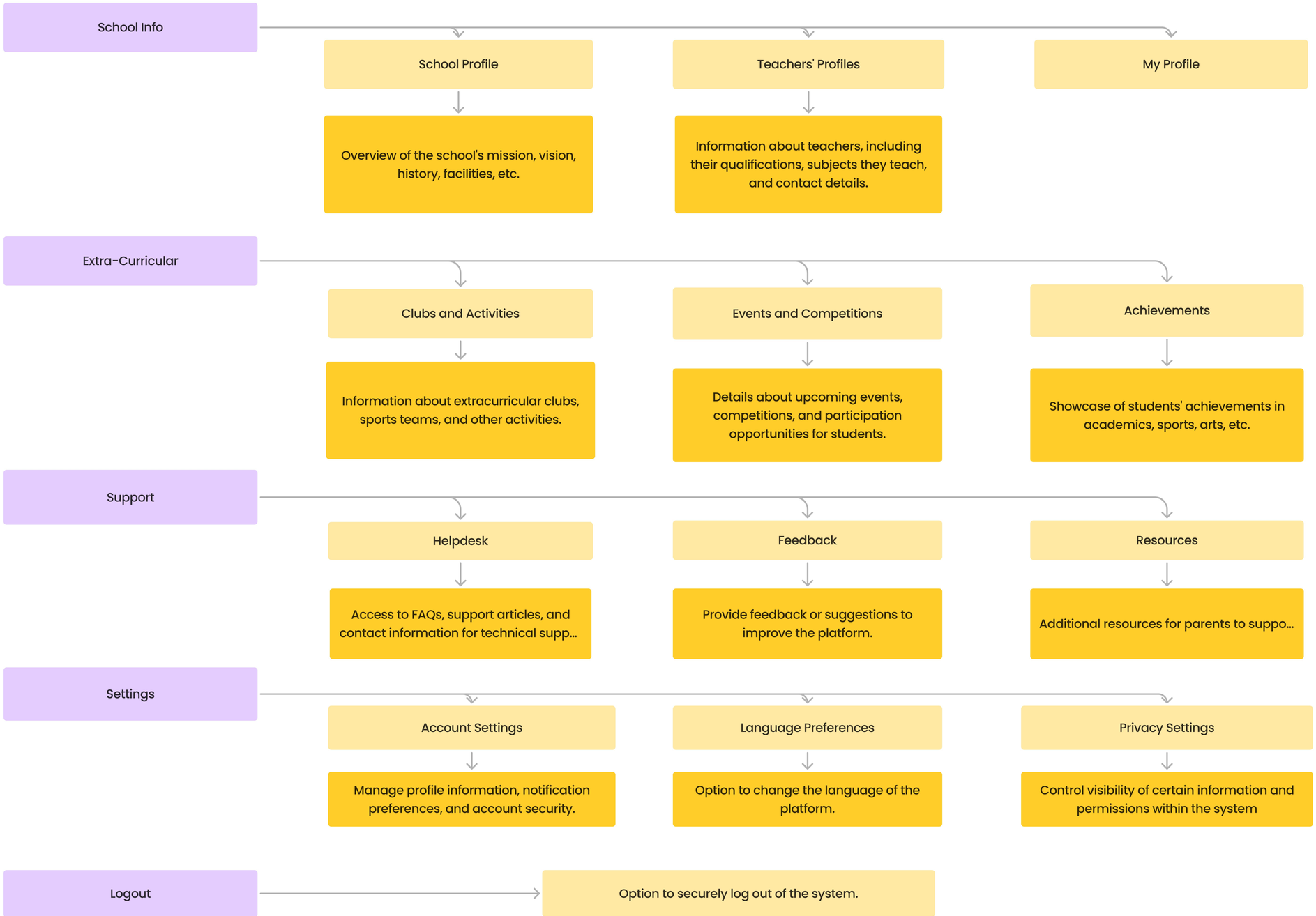
Information Architecture (Parents)



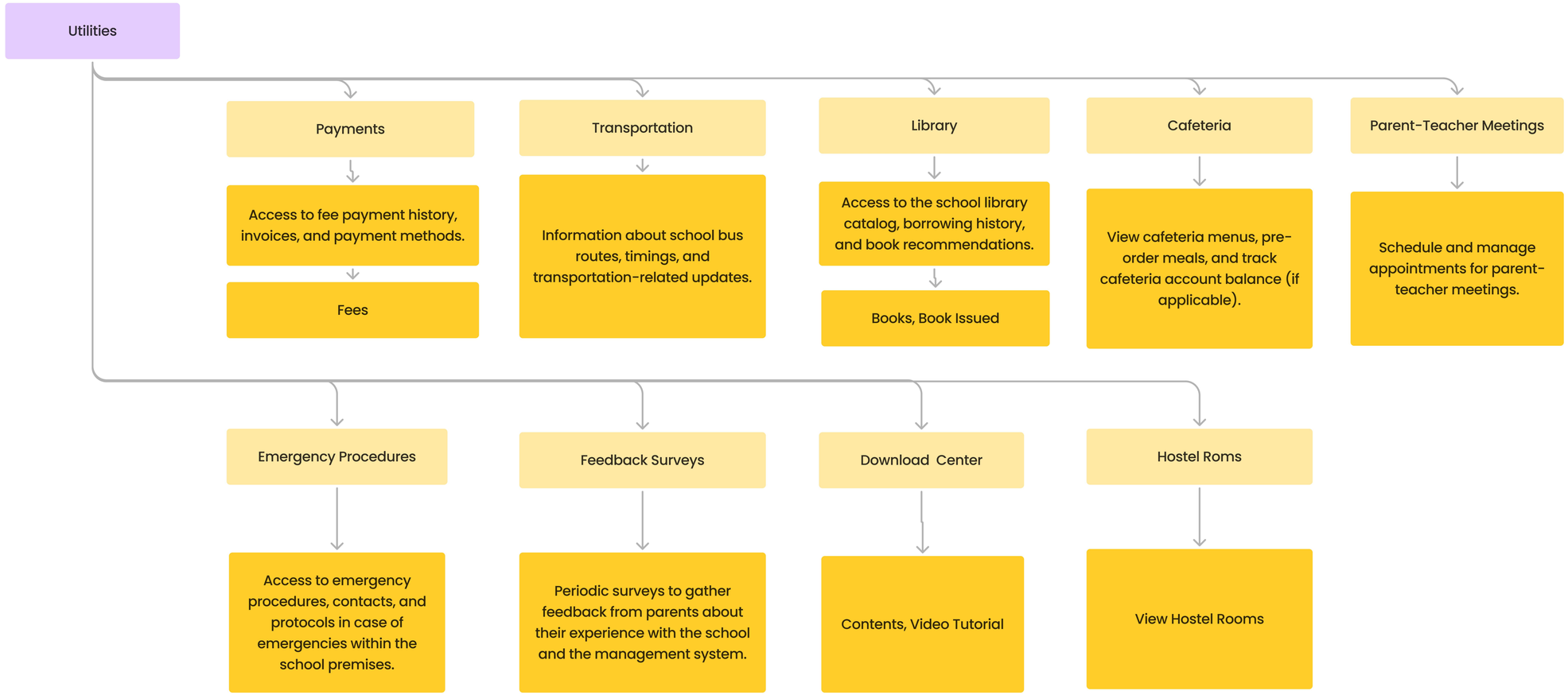
Information Architecture (Parents)



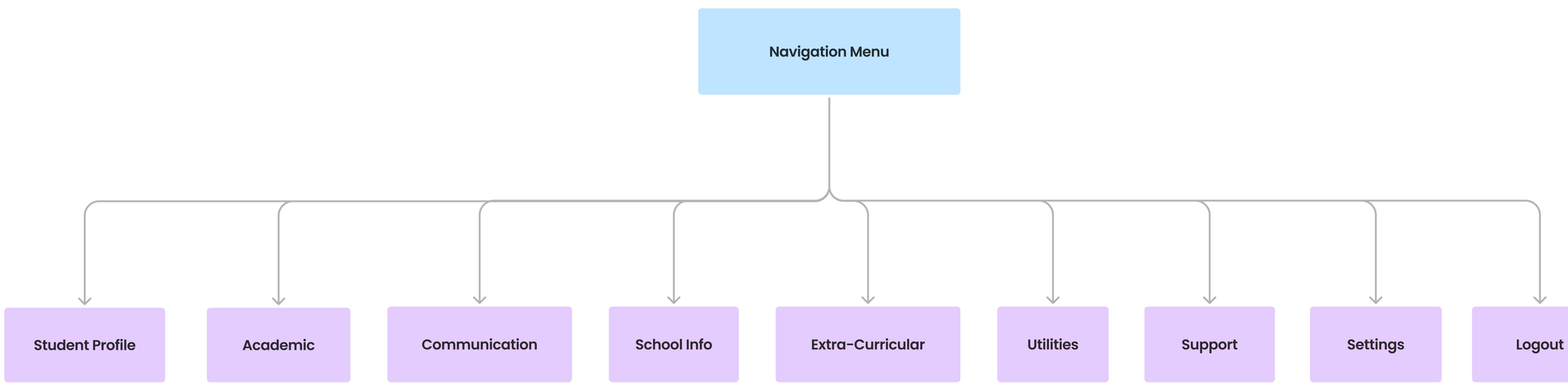
Information Architecture (Parents)



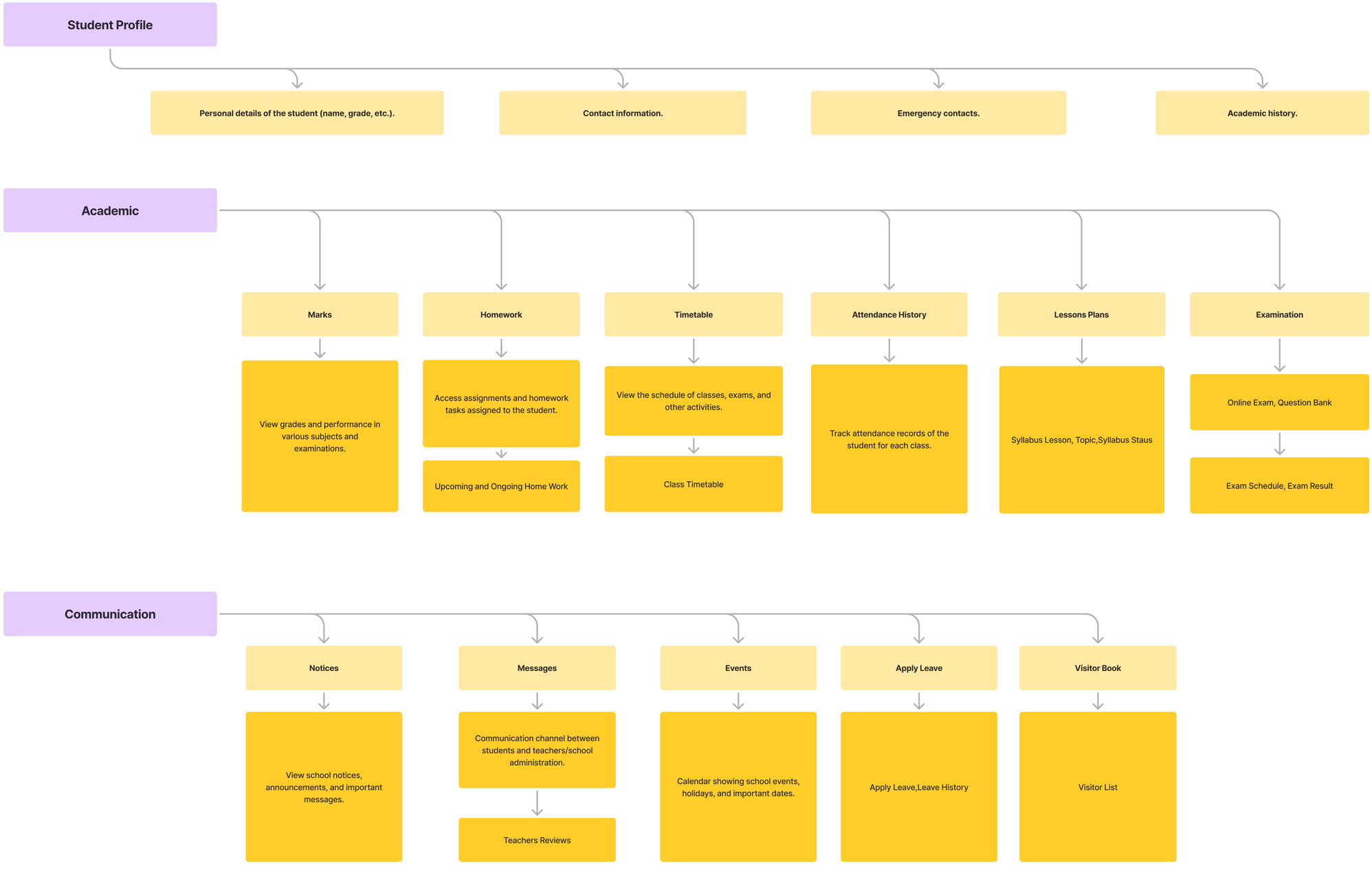
Information Architecture (Parents)



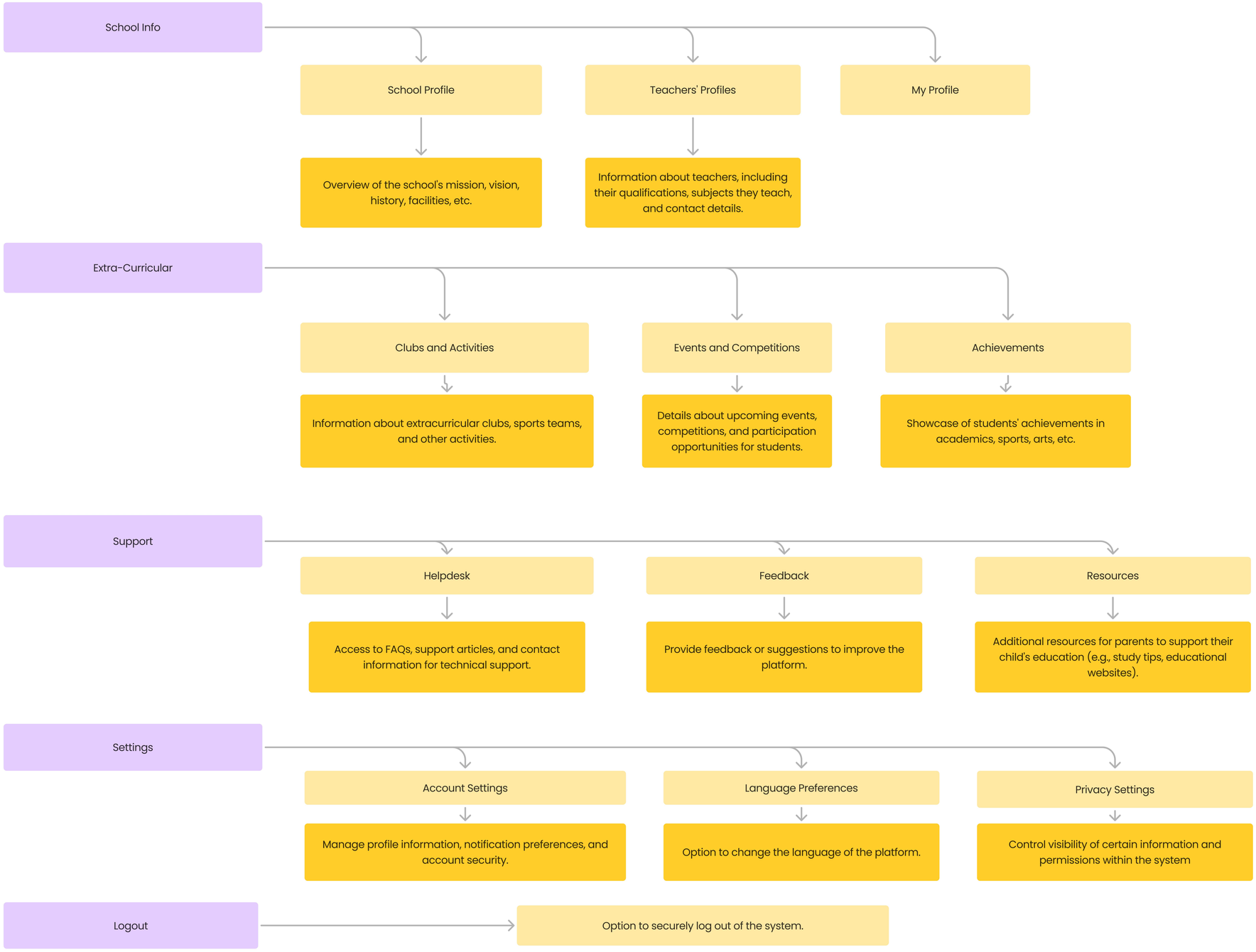
Information Architecture (Students)



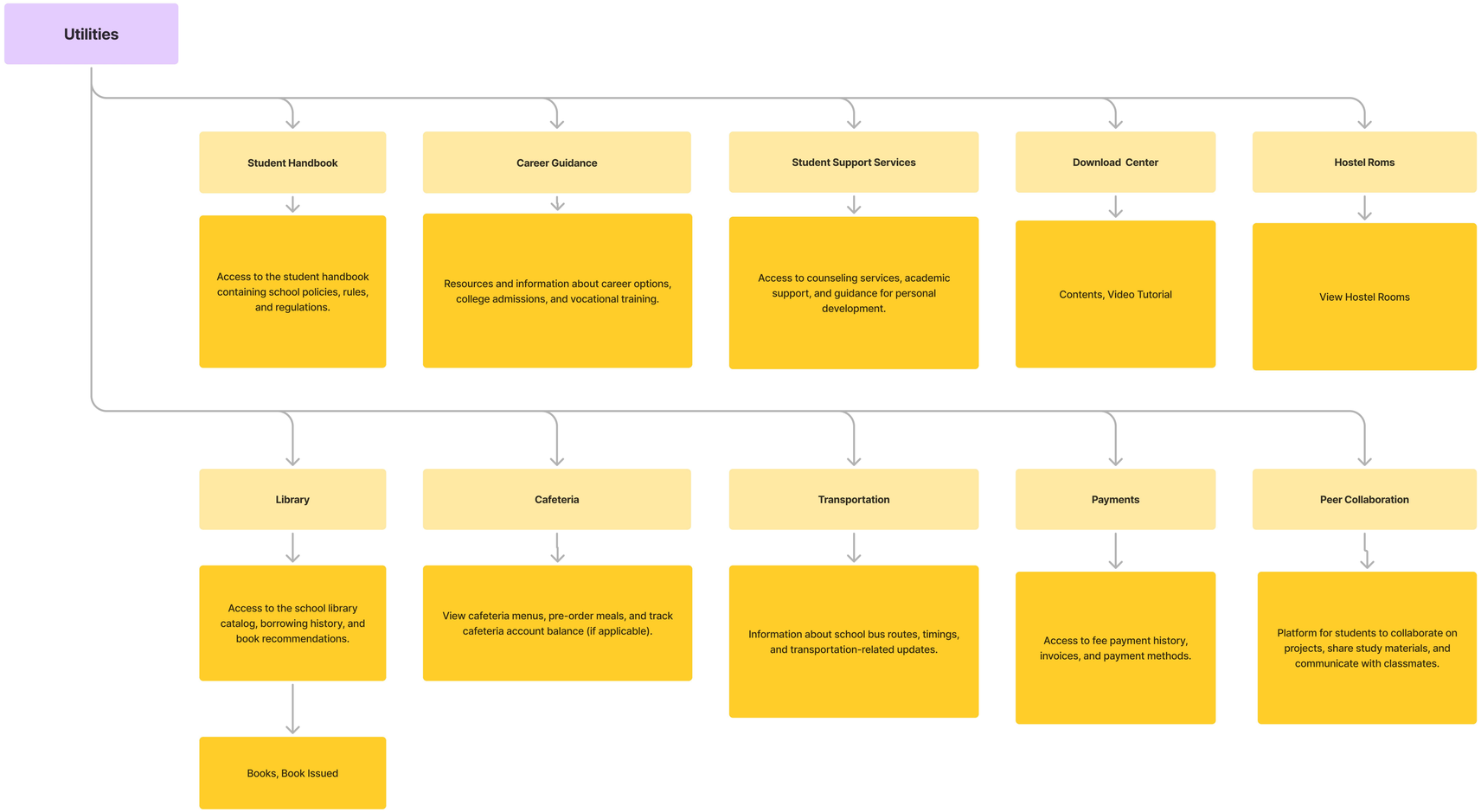
Information Architecture (Students)



Information Architecture (Students)



Information Architecture (Students)



Design System

Color Styles

Yellow

19.91 AAA AAA / 1.05	Light	#fdf9ea rgb(253, 249, 234)
19.35 AAA AAA / 1.09	Light :hover	#fbf6df rgb(251, 246, 223)
17.69 AAA AAA / 1.19	Light :active	#f7ecbd rgb(247, 236, 189)
12.11 AAA AAA / 1.73	Normal	#e6c229 rgb(230, 194, 41)
9.81 AAA AAA / 2.14	Normal :hover	#cfaf25 rgb(207, 175, 37)
7.75 AAA AAA / 2.71	Normal :active	#b89b21 rgb(184, 155, 33)
6.91 AAA AA / 3.04	Dark	#ad921f rgb(173, 146, 31)
4.59 AAA AA / 4.57 AAA AA	Dark :hover	#8a7419 rgb(138, 116, 25)
2.95 / 7.12 AAA AAA	Dark :active	#675712 rgb(103, 87, 18)
2.18 / 9.62 AAA AAA	Darker	#51440e rgb(81, 68, 14)

Orange

18.94 AAA AAA / 1.11	Light	#fef1e6 rgb(254, 241, 230)
17.96 AAA AAA / 1.17	Light :hover	#fdeada rgb(253, 234, 218)
15.06 AAA AAA / 1.39	Light :active	#fbd3b2 rgb(251, 211, 178)
7.10 AAA AA / 2.96	Normal	#f17105 rgb(241, 113, 5)
5.85 AAA AA / 3.59 AA	Normal :hover	#d96605 rgb(217, 102, 5)
4.73 AAA AA / 4.44 AA	Normal :active	#c15a04 rgb(193, 90, 4)
4.27 AA / 4.92 AAA AA	Dark	#b55504 rgb(181, 85, 4)
3.03 / 6.93 AAA AA	Dark :hover	#914403 rgb(145, 68, 3)
2.11 / 9.94 AAA AAA	Dark :active	#6c3302 rgb(108, 51, 2)
1.68 / 12.49 AAA AAA	Darker	#542802 rgb(84, 40, 2)

Red

17.72 AAA AAA / 1.19	Light	#fae7ed rgb(250, 231, 237)
16.24 AAA AAA / 1.29	Light :hover	#f8dbe4 rgb(248, 219, 228)
12.17 AAA AAA / 1.72	Light :active	#f1b5c7 rgb(241, 181, 199)
3.89 AA / 5.40 AAA AA	Normal	#d11149 rgb(209, 17, 73)
3.29 AA / 6.39 AAA AA	Normal :hover	#bc0f42 rgb(188, 15, 66)
2.77 / 7.59 AAA AAA	Normal :active	#a70e3a rgb(167, 14, 58)
2.55 / 8.25 AAA AAA	Dark	#9d0d37 rgb(157, 13, 55)
1.95 / 10.76 AAA AAA	Dark :hover	#7d0a2c rgb(125, 10, 44)
1.53 / 13.70 AAA AAA	Dark :active	#5e0821 rgb(94, 8, 33)
1.32 / 15.86 AAA AAA	Darker	#49061a rgb(73, 6, 26)

Purple

17.57 AAA AAA / 1.20	Light	#f0e7fe rgb(240, 231, 254)
15.98 AAA AAA / 1.31	Light :hover	#e8d0fd rgb(232, 219, 253)
11.68 AAA AAA / 1.80	Light :active	#d0b5fb rgb(208, 181, 251)
2.92 / 7.19 AAA AAA	Normal	#6610f2 rgb(102, 16, 242)
2.53 / 8.30 AAA AAA	Normal :hover	#5c0eda rgb(92, 14, 218)
2.20 / 9.57 AAA AAA	Normal :active	#520dc2 rgb(82, 13, 194)
2.04 / 10.28 AAA AAA	Dark	#4d0cb6 rgb(77, 12, 182)
1.65 / 12.72 AAA AAA	Dark :hover	#3d0a91 rgb(61, 10, 145)
1.37 / 15.36 AAA AAA	Dark :active	#2e076d rgb(46, 7, 109)
1.23 / 17.04 AAA AAA	Darker	#240655 rgb(36, 6, 85)

Blue

18.78 AAA AAA / 1.12	Light	#e8f4fc rgb(232, 244, 252)
17.70 AAA AAA / 1.19	Light :hover	#ddeefb rgb(221, 238, 251)
14.61 AAA AAA / 1.44	Light :active	#b8dcf6 rgb(184, 220, 246)
6.08 AAA AA / 3.45 AA	Normal	#1a8fe3 rgb(26, 143, 227)
5.05 AAA AA / 4.16 AA	Normal :hover	#1781cc rgb(23, 129, 204)
4.11 AA / 5.10 AAA AA	Normal :active	#1572b6 rgb(21, 114, 182)
3.71 AA / 5.66 AAA AA	Dark	#146baa rgb(20, 107, 170)
2.71 / 7.75 AAA AAA	Dark :hover	#105688 rgb(16, 86, 136)
1.94 / 10.82 AAA AAA	Dark :active	#0c4066 rgb(12, 64, 102)
1.58 / 13.28 AAA AAA	Darker	#09324f rgb(9, 50, 79)

Blue: Associated with calmness, trust, and productivity. Great for backgrounds or text-heavy areas as it promotes focus.

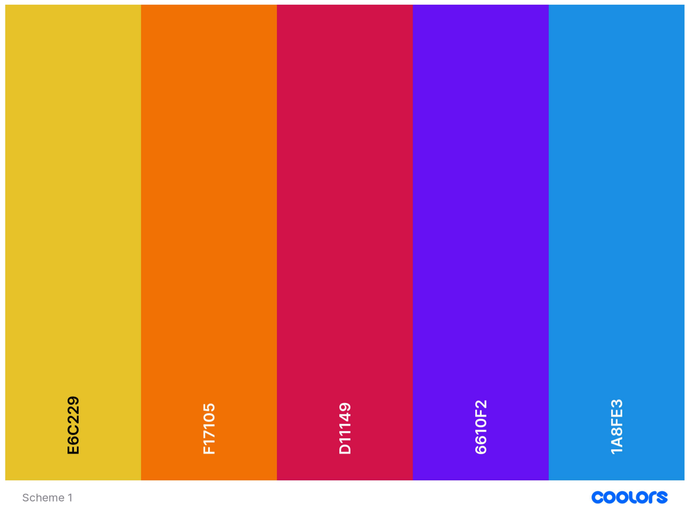
Yellow: Evokes happiness, optimism, and creativity. Use it sparingly as accents or highlights to boost energy and stimulate thinking.

Orange: Represents enthusiasm, warmth, and motivation. Good for call-to-actions or areas encouraging activity and participation.

Age Appropriateness:

Younger Students: Brighter and more playful colors like light blues, greens, oranges, and yellows can be engaging and stimulating.

Older Students: More muted tones and professional palettes like blues, greens, greys, and accents of orange or yellow can promote focus and seriousness.



Design System

Text Styles

Base Value: 16 Scale: 1.2

48px 3rem — The quick brown fox jumps over the lazy dog

40px 2.5rem — The quick brown fox jumps over the lazy dog

36px 2.25rem — The quick brown fox jumps over the lazy dog

32px 2rem — The quick brown fox jumps over the lazy dog

28px 1.75rem — The quick brown fox jumps over the lazy dog

24px 1.5rem — The quick brown fox jumps over the lazy dog

20px 1.25rem — **The quick brown fox jumps over the lazy dog**

18px 1.125rem — **The quick brown fox jumps over the lazy dog**

16px 1.000rem — **The quick brown fox jumps over the lazy dog**

14px 0.875rem — **The quick brown fox jumps over the lazy dog**

12px 0.75rem — **The quick brown fox jumps over the lazy dog**

Base Value: 48 Scale: 1.2

76px 4.75rem — The quick brown fox jumps over the lazy dog

64px 4rem — The quick brown fox jumps over the lazy dog

56px 3.5rem — The quick brown fox jumps over the lazy dog

48px 3rem — The quick brown fox jumps over the lazy dog

40px 2.5rem — The quick brown fox jumps over the lazy dog

Using Lato & Lora

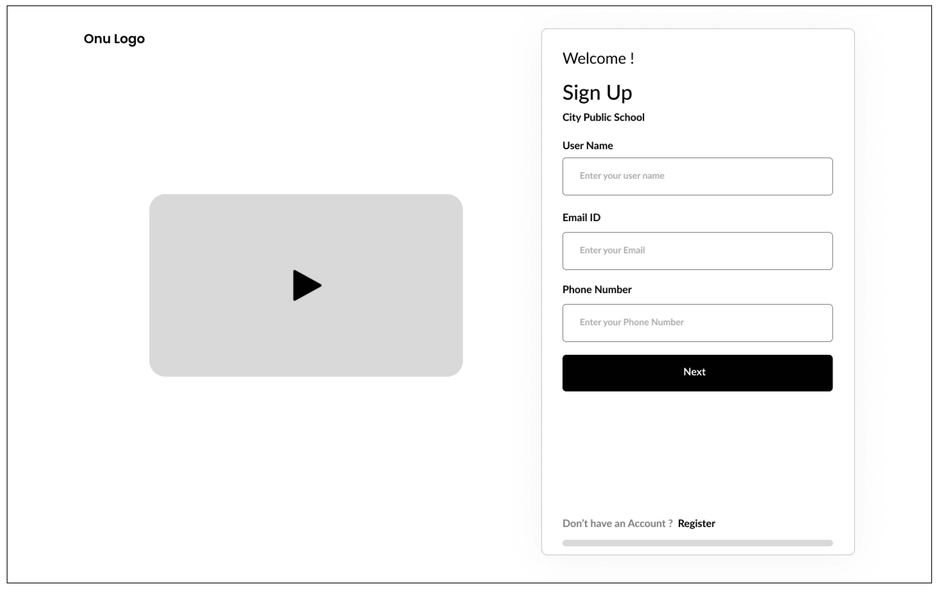
Design System

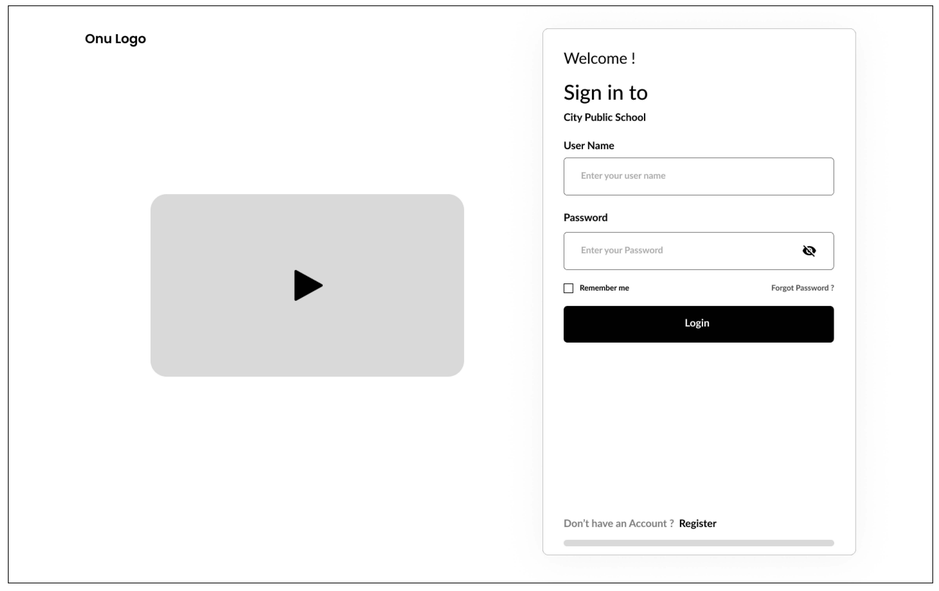
Spacing Styles

Name	Size	Pixels
0	0px	0px
px	1px	1px
0.5	0.125rem	2px
1	0.25rem	4px
2	0.50rem	8px
3	0.75rem	12px
4	1rem	16px
5	1.25rem	20px
6	1.50rem	24px
7	1.75rem	28px
8	2rem	32px
9	2.25rem	36px
10	2.50rem	40px
11	2.75rem	44px
12	3rem	48px
14	3.5rem	56px
16	4rem	64px
20	5rem	80px
24	6rem	96px
28	7rem	112px
32	8rem	128px
36	9rem	144px
40	10rem	160px
48	12rem	192px
52	13rem	208px
56	14rem	224px
60	15rem	240px
64	16rem	256px
72	18rem	288px
80	20rem	320px
96	24rem	384px

Wireframe (Registration Page)

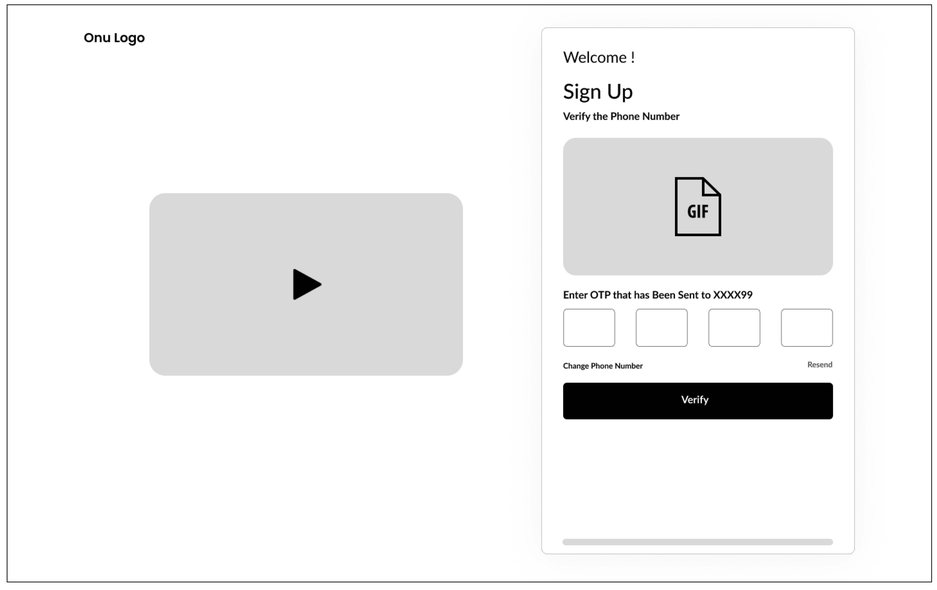
Login and Sign Up Page





Wireframe (Registration Page)

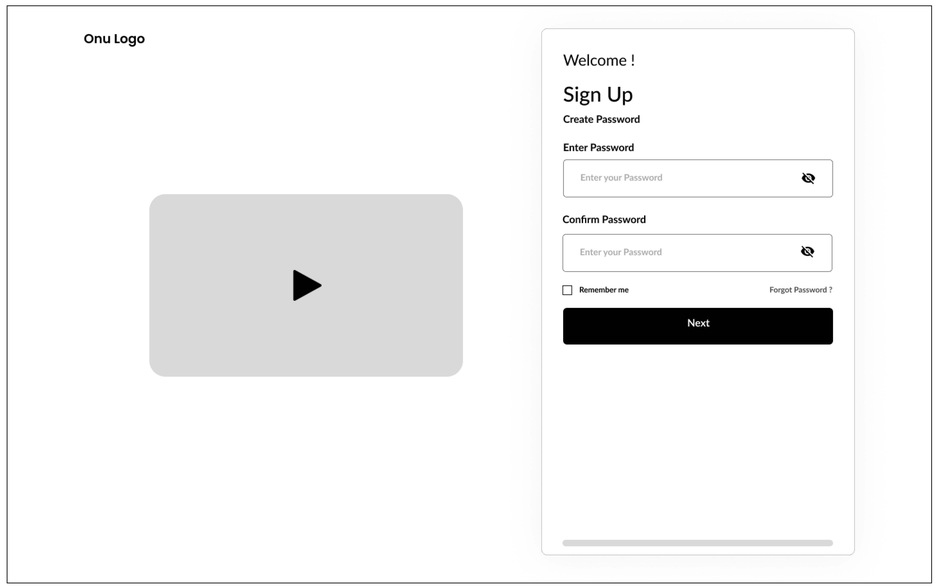
Verification Pages

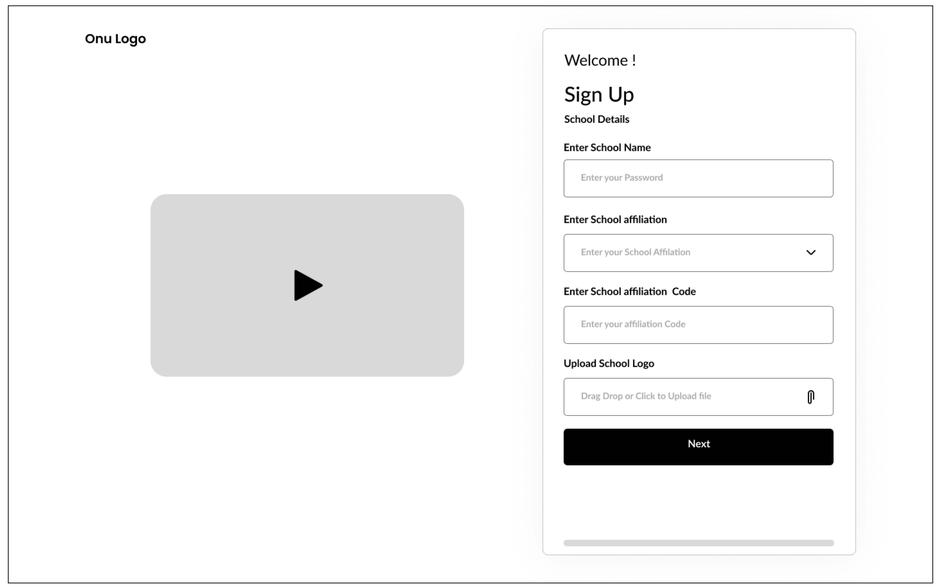




Wireframe (Registration Page)

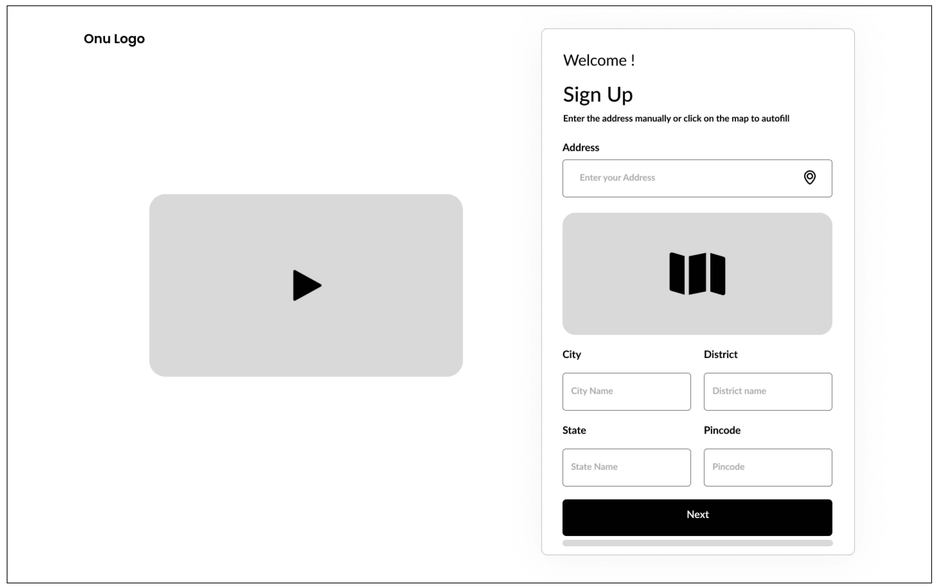
Create Password & School Detail Page

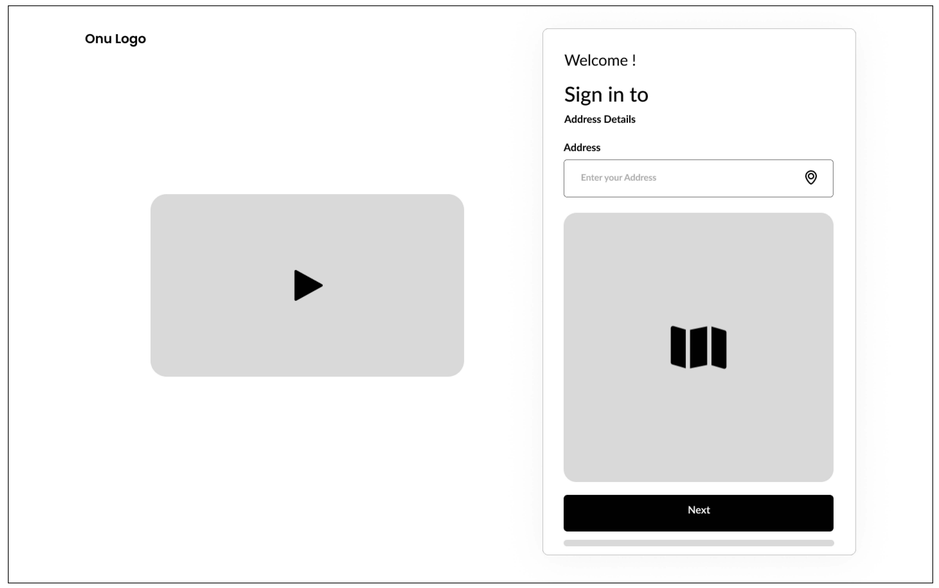




Wireframe (Registration Page)

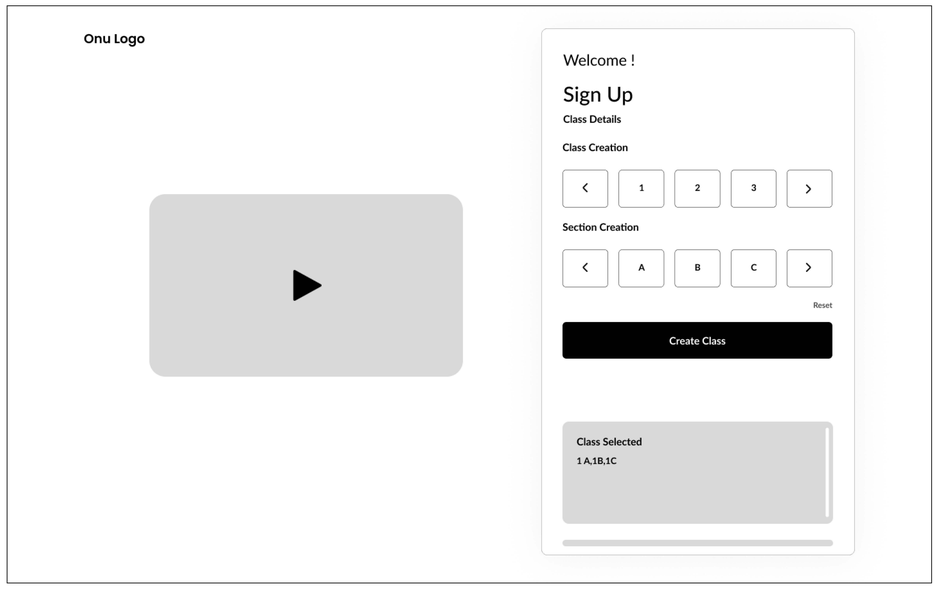
School Address Details Page





Wireframe (Registration Page)

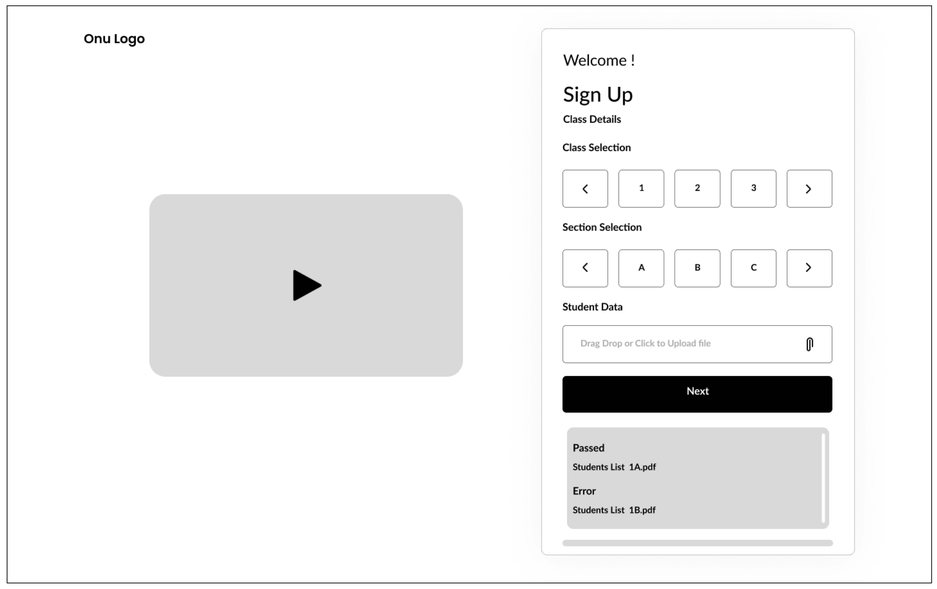
School Class Creation Page

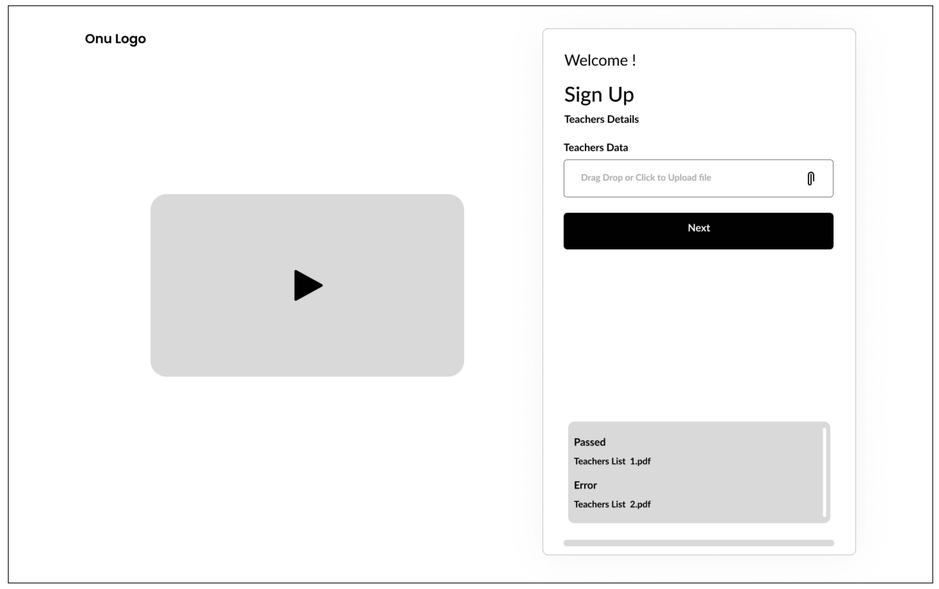




Wireframe (Registration Page)

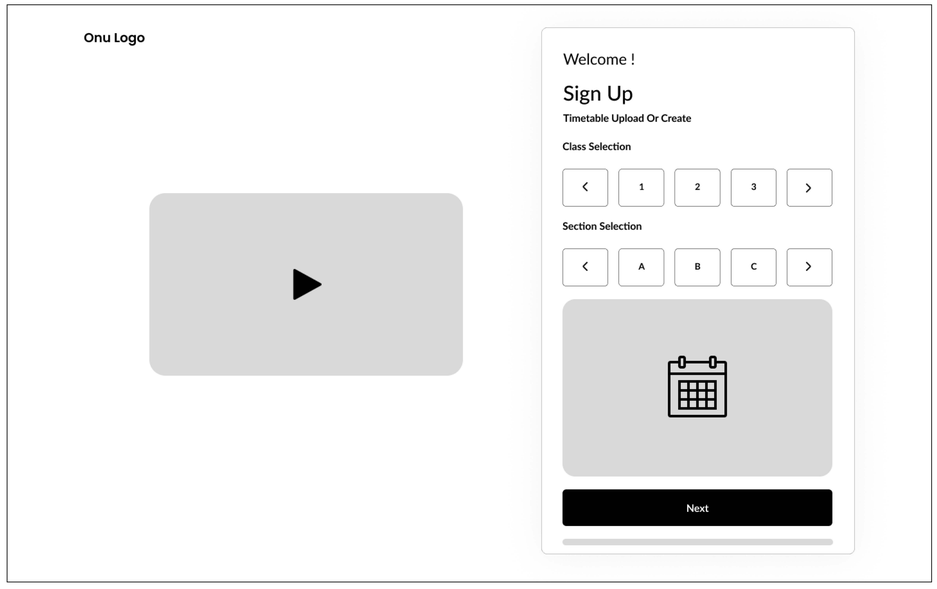
School Teachers Data Upload Page

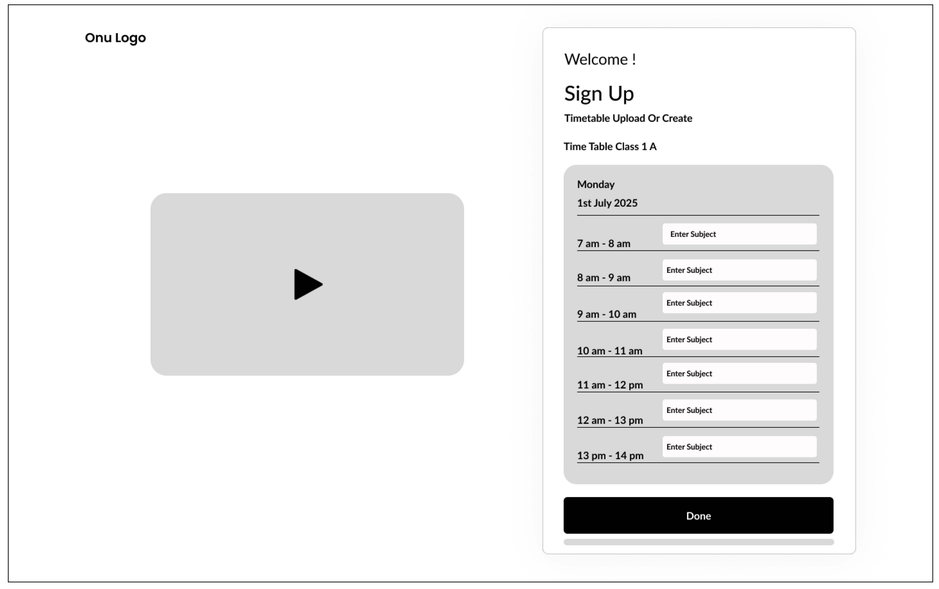




Wireframe (Registration Page)

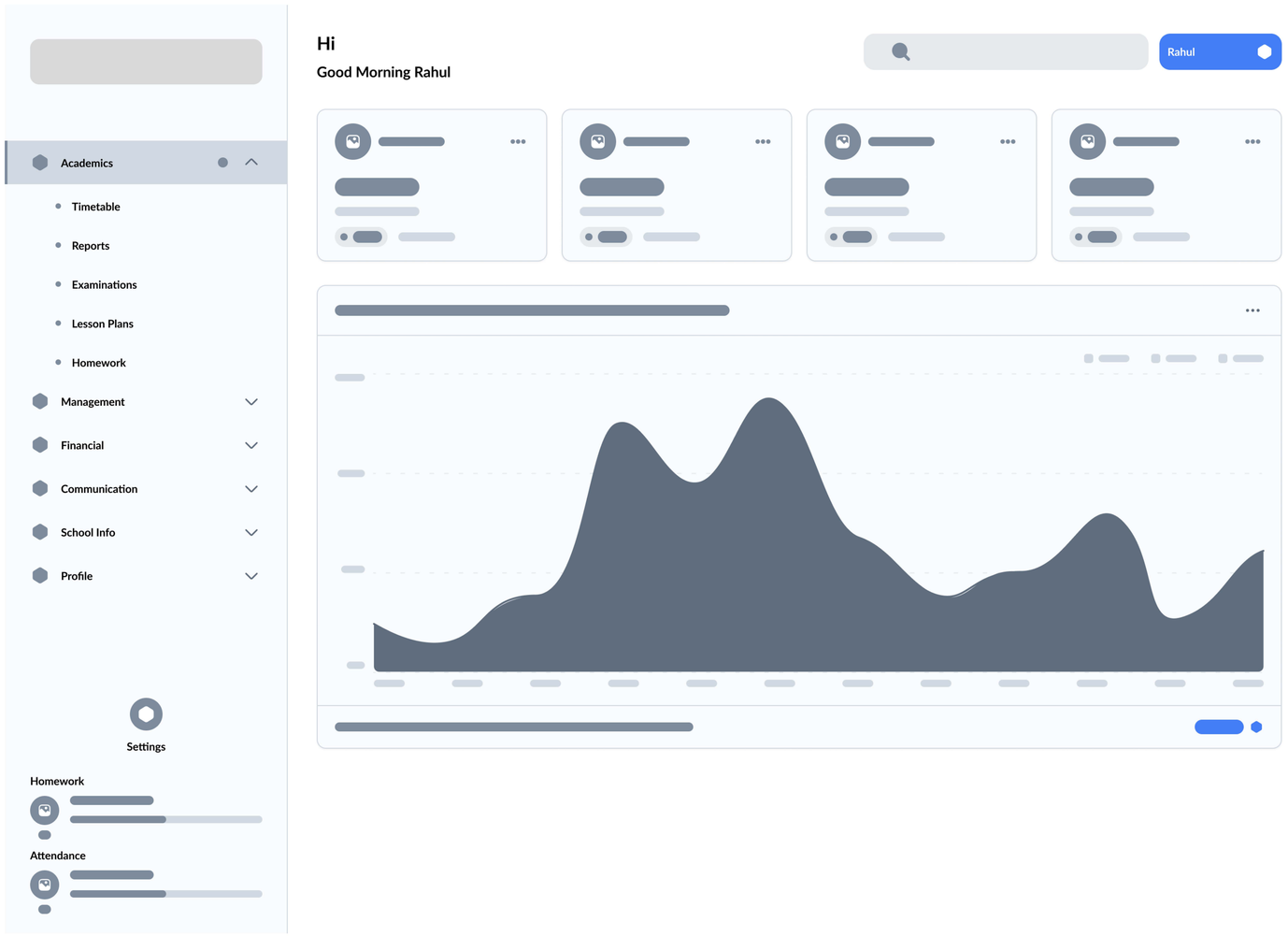
School Timetable Creation Page





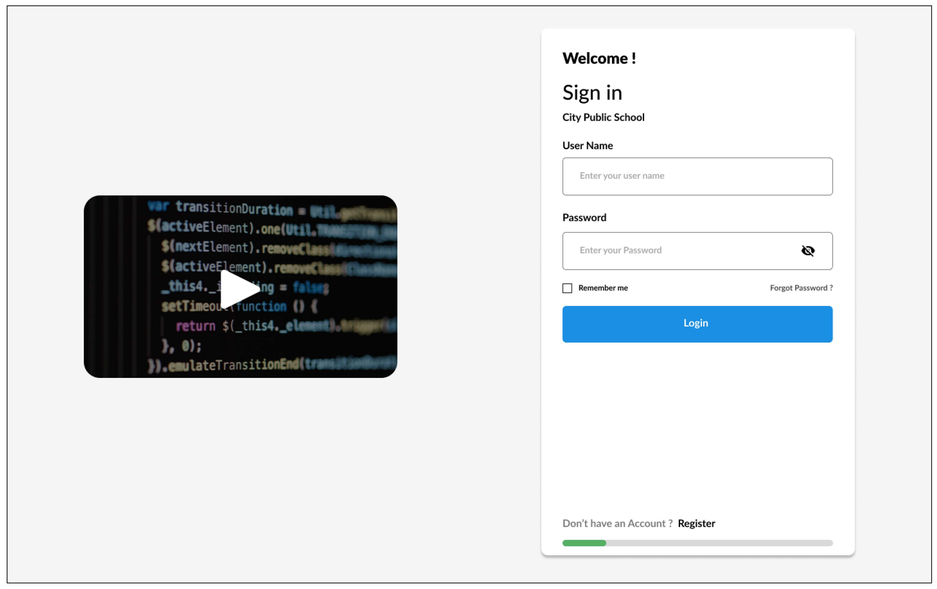
Wireframe (Dashboard Page)

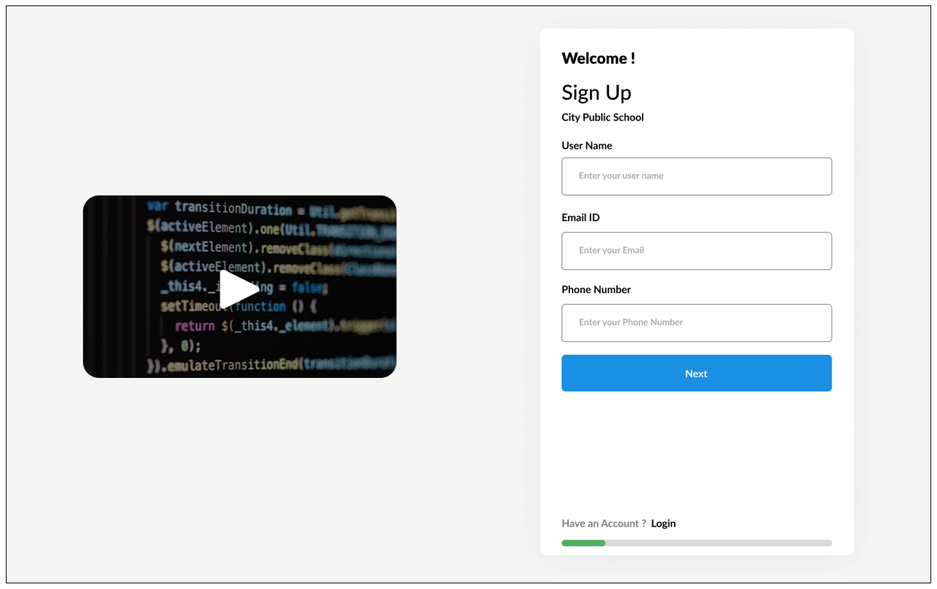
Home Page Principal View



UI Design (Registration Page)

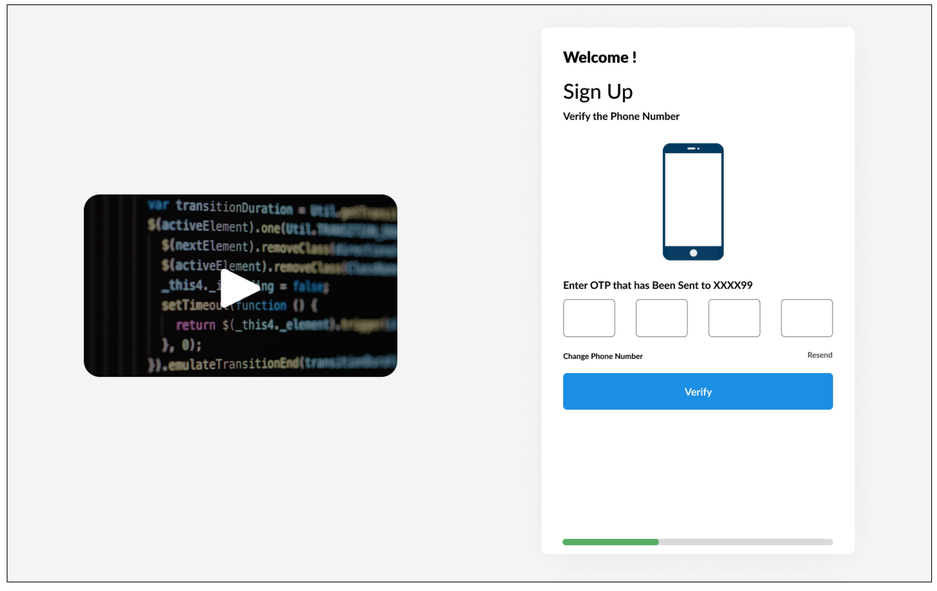
Login and Sign Up Page

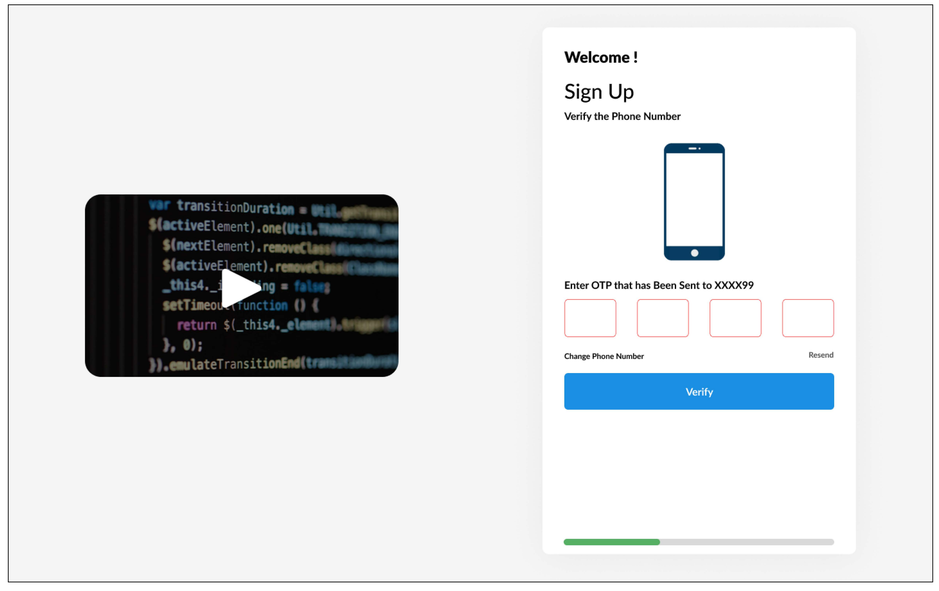




UI Design (Registration Page)

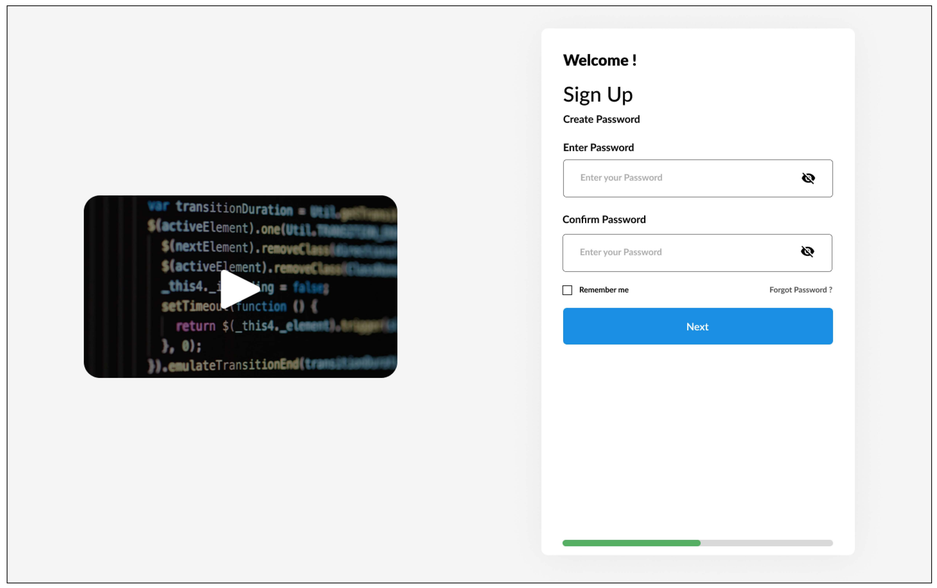
Verification Pages

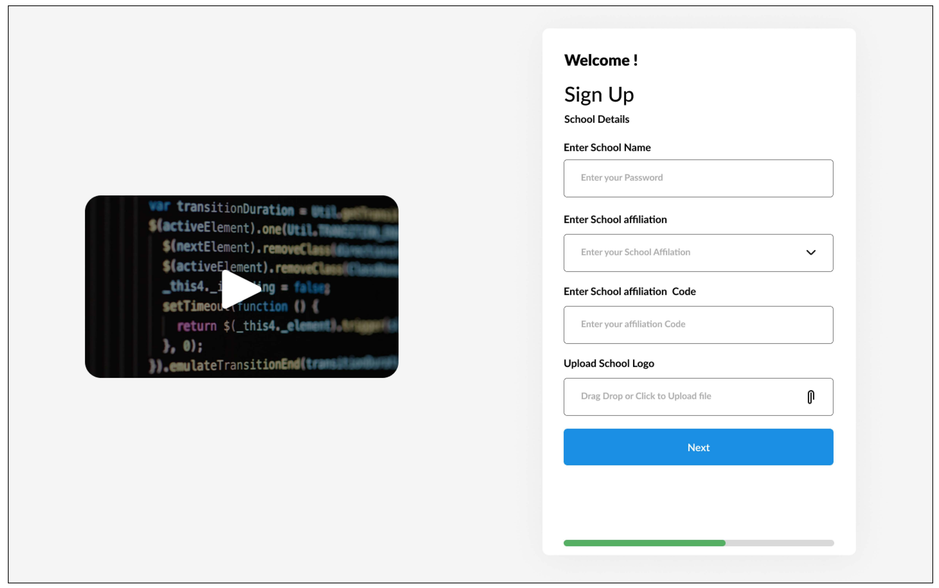




UI Design (Registration Page)

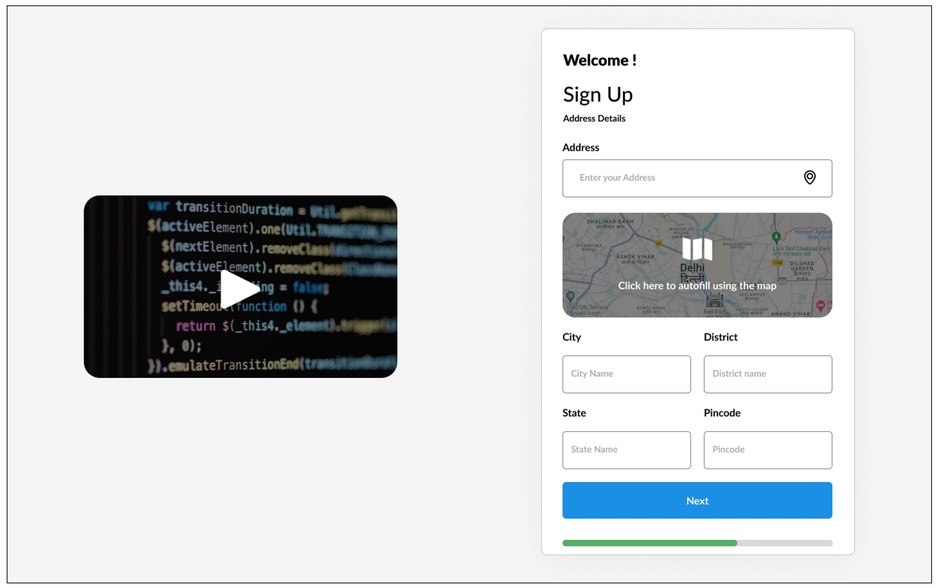
Create Password & School Detail Page

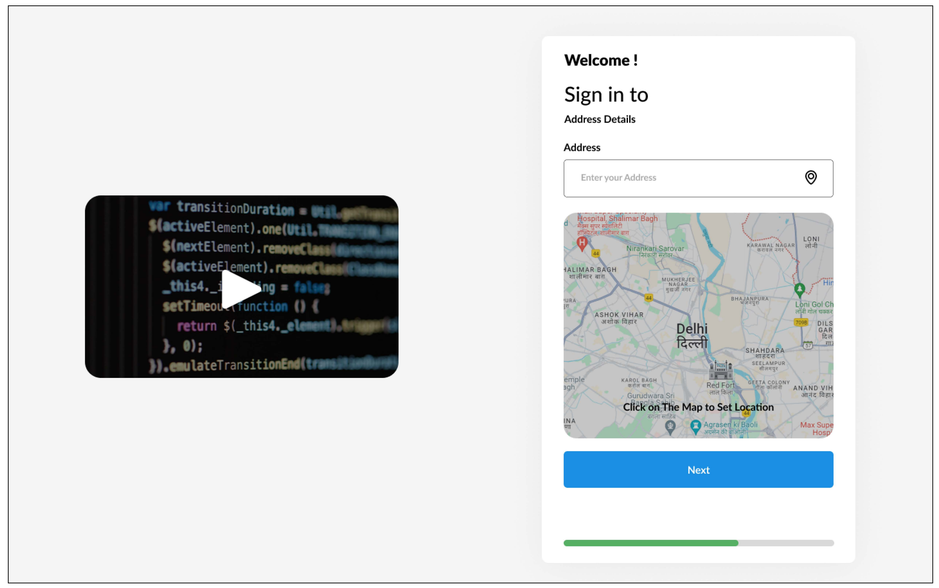




UI Design (Registration Page)

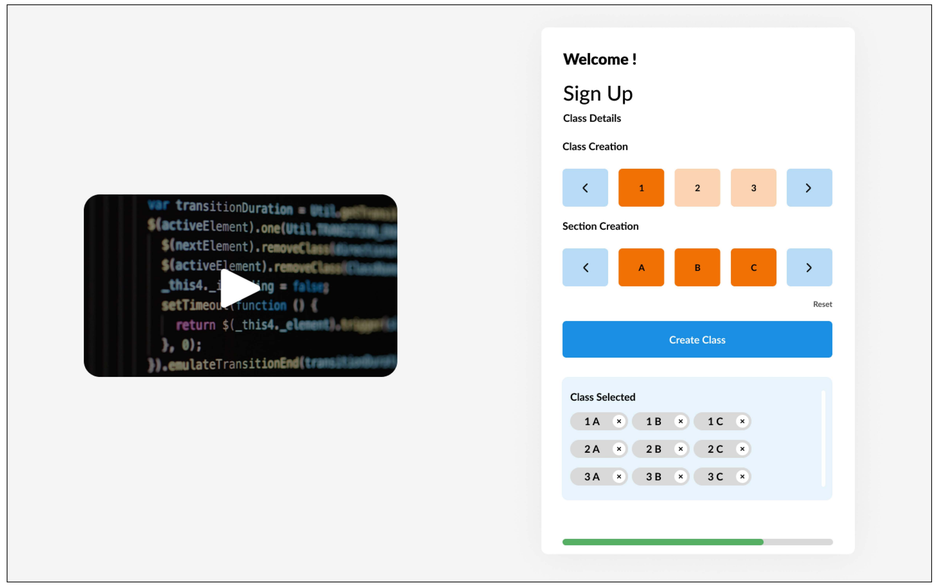
School Address Details Page

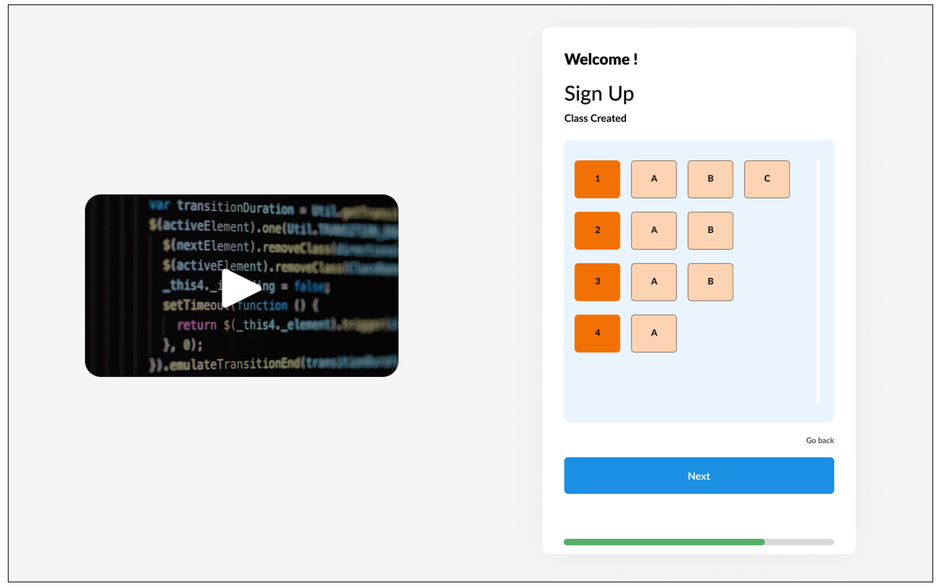




UI Design (Registration Page)

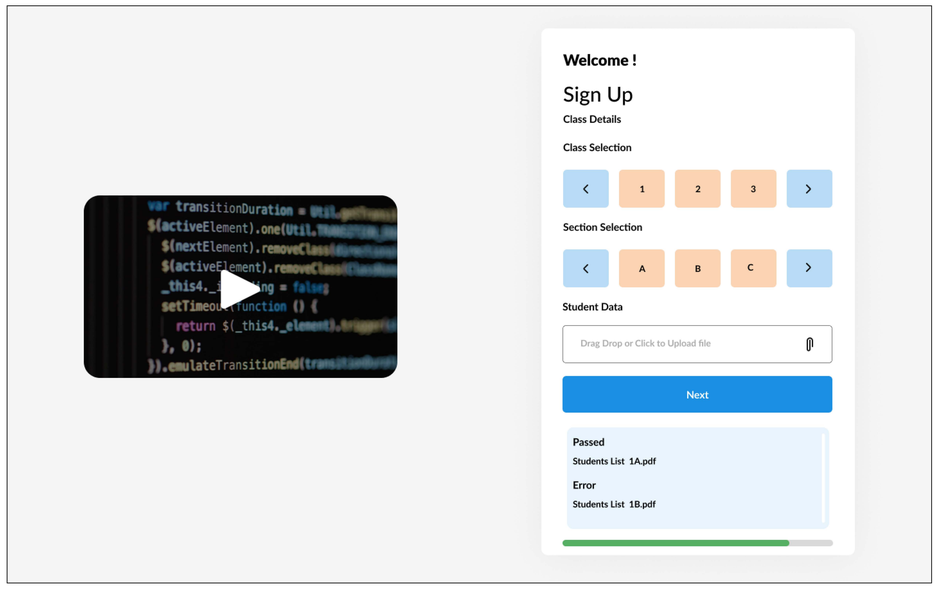
School Class Creation Page

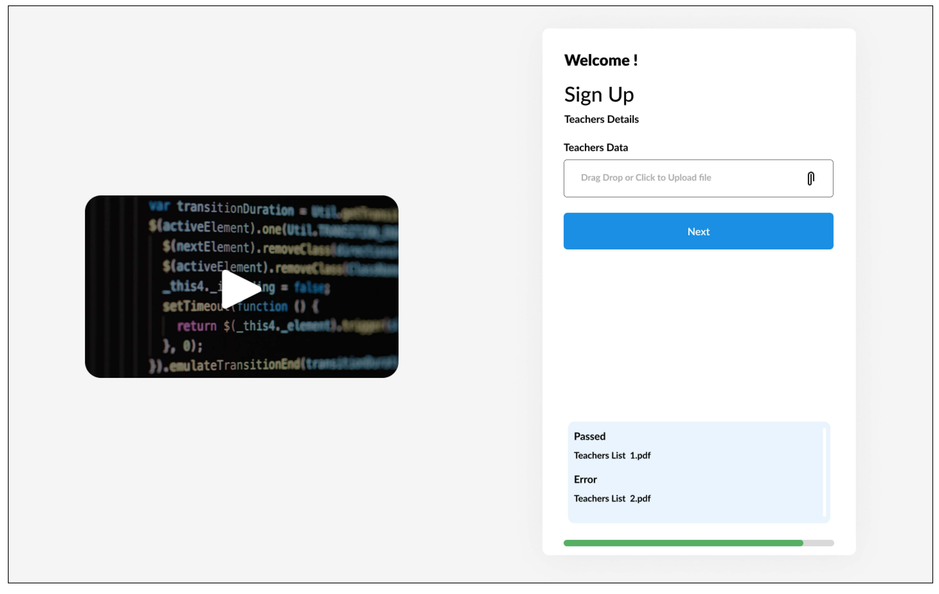




UI Design (Registration Page)

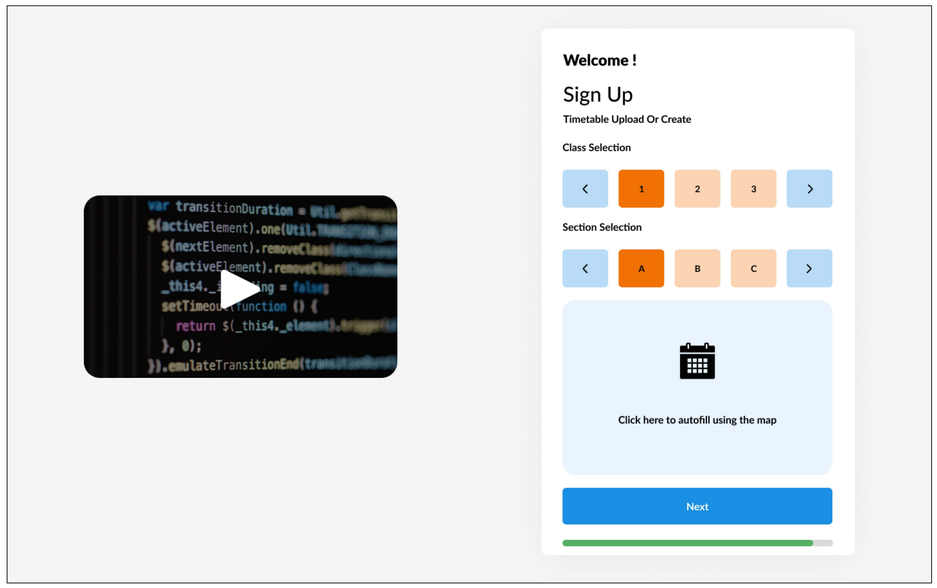
School Teachers Data Upload Page

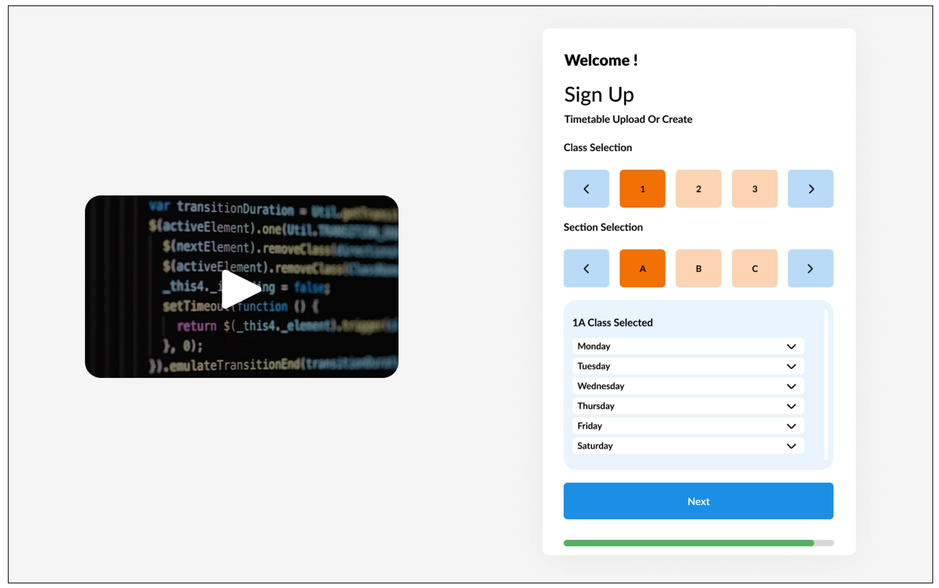




UI Design (Registration Page)

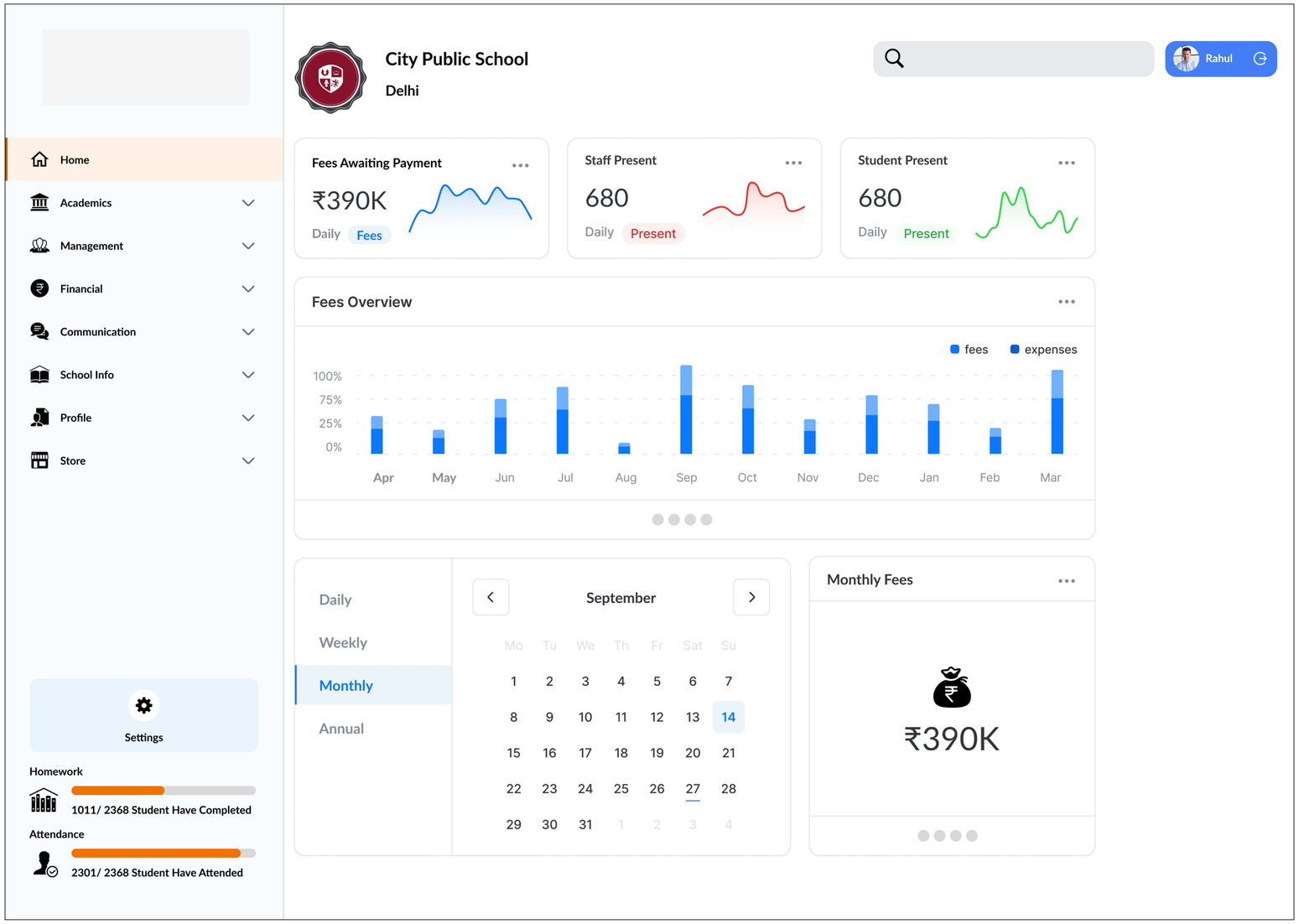
School Timetable Creation Page





UI Design (Dashboard Page)

Home Page Principal View



Disclaimer: This project is currently ongoing. All insights, plans, and designs are subject to change as development progresses and additional feedback is incorporated.

Refection and Learning

Reflection:

- **Stakeholder Needs: Identified the unique challenges faced by headmasters, teachers, parents, and students, emphasizing the need for tailored solutions.**
- **Communication Gaps: Highlighted the importance of streamlining communication between parents and schools to enhance engagement.**
- **Administrative Challenges: Recognized the inefficiencies of manual processes in school management, reinforcing the need for automation.**
- **Technology Adoption: Noted potential resistance to new technology, underscoring the need for user-friendly design and proper training.**
- **Parental Involvement: Understood that active parental involvement is crucial for student success, and technology can facilitate this.**
- **Data Management: Emphasized the need for a centralized, secure database for efficient data access and management.**

Learning:

- **Empathy in Design: Importance of considering all stakeholders' perspectives in design.**
- **Holistic Solutions: Need to address communication, administration, and engagement for a comprehensive platform.**
- **User-Centric Design: Importance of creating an intuitive platform to encourage adoption.**
- **Feedback Integration: Value of ongoing feedback to refine the solution.**
- **Practical Innovation: Balancing innovation with practical, easy-to-implement solutions for schools.**

Reference

Coolors - coolors.co

Icon8- icons8.com

Foundation

Figma

The End