

Gstart

Practice School-2

Submitted in partial fulfilment of the requirements

for the degree of

Bachelor of Technology in Computer Science Engineering

By:

Suresh Patel (2018BTechCSE015)

Faculty Guide:

Mr. Santosh Kumar Verma



**Department of Computer Science Engineering
Institute of Engineering and Technology (IET)
JK Lakshmipat University Jaipur**

May 2022

CERTIFICATE

This is to certify that the Practice School-2 project work entitled "**Gstart**" submitted by **Suresh Patel (2018BTechCSE015)**, towards the partial fulfilment of the requirements for the degree of **Bachelor of Technology in Computer Science Engineering** of JK Lakshmipat University Jaipur is the record of work carried out by them under my supervision and guidance. In my opinion, the submitted work has reached a level required for being accepted for Practice School-II examination.



Mr. Santosh Kumar Verma

Assistant Professor

Department of Computer Science
Engineering

Institute of Engineering & Technology
(IET)

JK Lakshmipat University Jaipur



Dr. Sonal Jain

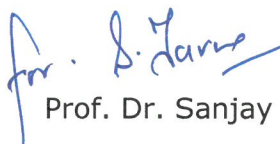
Professor and Coordinator

Department of Computer Science
Engineering

Institute of Engineering & Technology
(IET)

JK Lakshmipat University Jaipur

Date of Submission



Prof. Dr. Sanjay Goel

Director

Institute of Engineering & Technology

JK Lakshmipat University Jaipur

ACKNOWLEDGEMENTS

We would like to express our heartfelt gratitude to Prof Sanjay Goel, Professor, Department of Computer Science & Engineering for his valuable time and guidance that made the project work a success. We would also like to thank Mr. Santosh Kumar Verma and Mr. Amit Sinhal for their valuable input to the project work.

Our heartfelt thanks Mr. Nishant Mathur Manager at the L and A Pvt. Ltd. for his support during the project. Thanking all our friends and all those who have helped us carrying out this work directly or indirectly without whom completion of this project work was not possible.

We would also like to thank sincerely to Prof. Dr Sonal Jain, Head of Computer Science Department, Institute of Engineering and Technology, JK Lakshmipat University for giving us a platform to carry out the project.



Sincerely yours,

Suresh Patel (2018BTechCSE015)

Table Of Contents

- ❖ Background Knowledge
- ❖ Information about the company
- ❖ Information about the internship position
- ❖ Tools and Technology
- ❖ Description of project
 - Forms
 - Businesses
 - Inventory
 - ledger
 - Validations
 - API Integration
- ❖ Description of internship experience
- ❖ Application
- ❖ Limitations and Challenges
- ❖ Conclusion
- ❖ Annexure-1

Background Knowledge: Accounting firms offer a myriad of services that help business owners stay financially organized, tax compliant and that help prepare for business growth. Business owners shouldn't look at an accounting firm merely as an outsourcing cost for bookkeeping but as an integral business partner. Not every accounting firm offers every type of service, and business owners should interview various firms to determine which is the best fit for the company's specific business needs.

Accounting Definitions:

Recording Classifying Summarizing Analysis & Interpretation
Communicating

Users for Financial information:

There are two types of users of financial information.

Internal users: Board of directors, partners, managers, officers, employees etc.

External users: Investors, lenders, suppliers, government, customers etc.

There are also two basis of accounting, Cash Basis, and Accrual Basis.

The accounts are also classified into three types, Personal, Real, and Nominal.

There are also certain Accounting Rules for all three types of accounts.

Information about the company

A newly established accounting firm, L and A Pvt. Ltd. is in the business of doing GST and other accounting services. They are well-known in the field for their GST settlements. Their mission is to develop accounting software. That will implement features like inventory management, sales and purchase invoice system, GST calculations, balance sheets etc. The project aims to develop a fast and reliable web application that will help the business owner, manufacturer, exporter, or a service provider to make and manage their inventory, invoices, and taxes at a single place. The company plays a role in promoting needed help for the welfare of the local community and the nation at large. I felt that their mission was compatible with my world view and my future career goals, which is the reason I applied for an internship position with them.

Information about the internship position

As an intern with L and A Pvt. Ltd., I worked in a front-end developer position and was responsible for developing nice- and good-looking front-end pages by which the end user will directly interact, Also, I am doing the complete front-end development like implementation of API. I was part of the technical team. Together we worked on ledger, voucher, user, and business projects to accomplish the Gstart project.

Tools and Technology:

- VS Code
- REACT
- Bootstrap
- Nodejs
- MySQL
- Postman



Visual Studio Code

Description of Project

The project started with implementation of the theme. We implemented the theme, and the next steps are designing the forms. We are given the requirements, the inputs. We started by creating some demo forms for the business. After some designs were created by me, our team finalized the step form.

❖ **Forms:** The project starts with creating forms for the user input. The aim of the project is to create a platform for managing business, inventories, and ledgers. The forms are created in JavaScript. Different components are created for different purposes, like business, nature of business, add product etc.

- **Businesses:** Our first step in the process was to create a business form. This form is a required information to set up a business. As in our application a user can add multiple business, so this is the form which contains the business information, the nature of business whether it is service based, or goods based. I have created this form from scratch. This form is created in a four-step process. I have created 6 components for the business form.
- **Inventory:** Our second big step in the process was to create an inventory form. This form includes the forms and table for the inventory management system, either goods or services. This form includes two types of goods and services. In goods includes 3 forms things product, component, item. Also, the service form. All these forms contain 3-4 forms each manufacturing, gst, information etc. Inventory module was the largest among all the forms created to date.
- **Ledgers:** Our 3rd largest module is the ledger master. This is ongoing. The team is currently working on this module.

❖ **Validations:** After successful creation of forms, we must apply validations to the forms. Validations such as some fields should be in email format only or number, cannot be empty. Validations are necessary for creating a form.

❖ **Api Integration:** After forms and validations, we must implement APIs created by the back-end team. I have implemented some Api in business forms. Some screenshots of business forms are included in the report.

Description of internship experience

I interned at L and A Pvt. Ltd. This internship was conducted remotely due to the pandemic. I got this opportunity through my college. I was excited to learn about the real-world development projects. It was beyond what I expected, and each day brought multiple surprises and new challenges. The project was distributed among several teams with our project manager as head. I suggested some assorted designs, my manager appreciated my ideas. During my internship with the company, I learned React frontend development. I was able to put these skills into practice in ledger, voucher, user, and business projects. The work was challenging, and I learned the requirements of the project and about the work and gained more confidence in myself. It was a valuable experience.

Applications

There will be many applications of Gstart. Our project is a management tool for all the working groups ranging from small shop owners to multinational companies.

Some applications of our product are as follows.

- Small Business Owners can set up their business profiles here. They can make and manage their inventories. They can make bills and can manage their finances at a single place.
- Small Service Supplier: Our product is also designed for small service suppliers like plumbers, technicians, electricians etc.
- Medium to Large Business Owners: These types of businesses have the need of the above services, but other than that they need gst management, supply chain management. These types of services are also provided by our product.
- Large Organizations: Some big leaders may also get interested in our product as our product helps them manage their multiple businesses on a single platform. From user management to stock check. Accounting to supply chain management. Our giants can manage all at a single place.

Other than all these, our product application ranges from households and many more.

Limitations & Challenges:

The project was a learning experience for me. I have gained some life teaching in my internship period. As, i was working with a newly established company, I was limited to a certain number of people. All I have to do is the work distributed in a small team of 3. The challenges are there for me, I was from a technical background and the company I was working for an accounting firm. The accounting terms are different for me. It took me time to understand but I got enough to start my work on the project.

Conclusion:

I was working for L and A Pvt. Ltd. I have done my internship here as a front-end developer. As the company was an accounting firm, I had some challenges with the working environment. I have worked on a dream project of L and A. The Project was started from scratch, and we have done enough to witness some work done. The work experiences I encountered during the internship allowed me to develop front-end development skills. Also, i got the idea to start some project from basics. I still need to work on my back-end development, as i was only working in the front-end team though internship.

However, the overall experience was positive, and everything I learned will be useful in my future career in this field.

Annexure-1

Some Screenshots of work done

	TRADE NAME	CREDIT LIMIT	Type Of Supplier	GSTIN	Action
☐	TEST BUSINESS 1	10		08AAAD1234A12A	
☐	TEST BUSINESS 2	10		08AAAD1234A12B	

Items per page: 10 1-2 of 2

	Name	E-Mail	Role	Mobile No.	Action
☐	Ashok Lakshmi	ashok@gmail.com	08AAAD1234A12A	45656789	

Items per page: 10 1 of 1

PRODUCT INVENTORY

ADD PRODUCT

Year:

Search

ITEM CODE	ITEM NAME	ITEM CODE	ITEM GROUP	ITEM ALIASES	UOM	PSN/SMC	CURRENT TAX RATE	Action
1	Paper	1002	100452	-	123	-	5.00	☒

Rows per page: 10 1-10/1 17 18 19 20

PRODUCT DETAILS

General Details Manufacturing Details GST Details Tax Details

General Details

Name:

Base:

Description:

Version:

Group and codes

Group: Code:

Color Code: Size Code:

Size: Code:

UOM

UOM: Use Alternative UOM:

Quantity: UOM:

Quantity: UOM:

Opening Stock

Opening Stock: UOM:

Price: Total Amount:

Enter Price:

Submit

Nishant
 Business Card

BUSINESS INFORMATION

NATURE OF BUSINESS

STATUTORY INFORMATION

SUBSCRIPTION DETAILS

Goods

☐ Retail trading

☐ Regular

☐ Supplies through E-commerce

☐ Wholesale Business

☐ Regular

☐ Supplies through E-commerce

☐ Manufacturer

☐ Regular

☐ Supplies through E-commerce

☐ Agriculturist

☐ Small Goods Dealer

☐ Branch Transfer

☐ Outside Taxable Person

Exporter

☐ Regular

☐ Hour

☐ ESE

Services

☐ Regular Supplier of Service (Domestic)

☐ Export of Service

☐ Regular

☐ ESE

☐ ESE

☐ ESE

☐ ESE

☐ Small Service Supplier

☐ Supplies through E-commerce

☐ Job Worker

☐ Warehouse

☐ GTA

☐ ISO

☐ E-commerce Operator

Prev

Next

ginnarSOFT

Nishant
Business Card

- Dashboard
- Apps & Fields
- Manage Businesses
- User List
- Roles
- Inventory Master
 - Add Product
 - Add Item
 - Add Group
- Print Configuration
- Change Password
- Service Master
- Voucher
- Groups Master
- Order Master
- Batch

COMPONENT DETAILS

General Details GST Details Tax Details

General Details

Name:

Address:

Description:

Barcode:

UOM: Enter Alternative UOM:

Quantity	UOM	Quantity	UOM
1000	kg	1000	kg

Group and codes

Group: Code:

Color Code: Site Code:

Opening Stock

Opening Stock: UOM:

Price: Total Amount:

- Dashboard
- APPS & PAGES
- Manage Businesses
- User List
- Roles
- Inventory Master
- Print Configuration
- Change Password
- Service Master
- Voucher
- Inventory Creation
- Placeholder
- Slider
- Job Work

Job Work Backup
Job Work Transfer

Job Work-Issue

JWI - 1 Book Date: 01/01/2020

Job Worker Details **Extend Details**

Job Worker: [Text Field]
GSTIN: [Text Field] Ring Type: [Text Field]

Challan Details **Extend Details**

Challan No: [Text Field] Challan Date: [Text Field]
Pin, Challan No: [Text Field] Ref from Type: [Text Field]
Delivery Note: [Text Field] Date Date: [Text Field]
Delivery Note: [Text Field] Ref from Type: [Text Field]

DIST Details **Extend Details**

Inclusive/Exclusive: [Text Field] Supply Type: [Text Field]
Challan Type: [Text Field] Is RCM Challan: [Text Field]

#	Description	Batch	Get Down	HSN	Qty	Rate	Per uom	Amnt	Dis %	Des Amnt	Taxable	IGST %	IGST Amnt	Cess %
1														

Status: [Text Field]

Back to listing Save & Continue Save & Print

Customer Details

JWI - 1 Book Date: 01/01/2020

Job Worker Details

Job Worker: [Text Field]
GSTIN: [Text Field] Ring Type: [Text Field]

Bill To

Name: [Text Field] State: [Text Field] Address: [Text Field]
Mobile No: [Text Field] Pin Code: [Text Field]

Ship To

Name: [Text Field] State: [Text Field] Address: [Text Field]
Mobile No: [Text Field] Pin Code: [Text Field]

Agency Details

Agency Name: [Text Field] State: [Text Field] Address: [Text Field]
Mobile No: [Text Field] Pin Code: [Text Field]

Close Save Changes

Back to listing Save & Continue Save & Print



Dashboard

47% Sales

Manage Businesses

User List

Roles

Print Configuration

Change Password

Inventory Master

Add Product

Add Item

Add Group

Group Master

Voucher

Group Master

Ledger Master

Bom

PRODUCT DETAILS

General Details Manufacturing Details S&T Details Tax Details

General Details

Name	Alias
Name	Alias
Description	
Description	

Group and codes

Group	Code
Group	Code
Color Code	Size Code
Color	Size

UOM

UOM	Use Alternate UOM
UOM	UOM
Quantity	Quantity
Quantity	Quantity

Opening Stock

Opening Stock	UOM
Opening Stock	UOM
Price	Total Amount
Price	Total Amount

Submit

L AND A PRIVATE LIMITED

CIN U52602RJ2019PTC065223

Basement, 112/16, Pratap Nagar Sanganer, Jaipur 302033

Contact 9549946999, Email info.alandae@gmail.com

INTERNSHIP CERTIFICATE

Date: 04-07-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Suresh Patel has completed his internship tenure as a Frontend Developer with our company for the period from 15th Jan 2022 to 14th May 2022 .

He has worked on a project featuring on an Accounting Software. As part of the project, he has worked on Frontend Development , UI/UX .

During his internship he has demonstrated his skills with self-motivation to learn new skills. His performance was good during the tenure of internship.

We wish his all the best for his upcoming career.

For L AND A PRIVATE LIMITED.

LAND A PRIVATE LIMITED



DIRECTOR

Director