

BUSINESS MANAGEMENT WEBSITE

PS-II

PREPARED BY

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Mr. Ashok Lekhwani

Mr. Nishant Mathur

FACULTY SUPERVISOR

Mr. Santosh Verma

Dr. Gireesh Khaushik



Department of Computer Science and Engineering

Institute of Engineering and Technology

JK Lakshmipat University Jaipur

July 2022

BUSINESS MANAGEMENT WEBSIT

Practice School-II

Submitted in partial fulfilment of the requirements

for the degree of

Bachelor of Technology in Computer Science and Engineering

by

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CERTIFICATE

This is to certify that the Practice School-II project work entitled “**Business Management Website**” submitted by

Tanisha Upadhyay (2019BTechCSE151)

towards the partial fulfilment of the requirements for the degree of **Bachelor of Technology in Computer Science and Engineering** of JK Lakshmipat University Jaipur is the record of work carried out by him 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 Verma

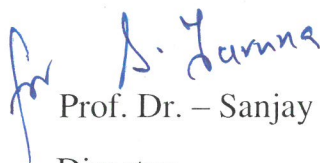
Department of Computer Science Engineering
Institute of Engineering & Technology
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Dr. Gireesh Kaushik

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Institute of Engineering & Technology
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Date of Submission 8/07/2022



Prof. Dr. – Sanjay Goel

Director

Institute of Engineering & Technology

JK Lakshmipat University Jaipur

ACKNOWLEDGEMENTS

We would like to express our heartfelt gratitude to Mr. Santosh Verma, (Faculty Supervisor and Professor, Department of Computer Science Engineering) and Dr. Gireesh Khuashik (Faculty Supervisor and Professor, Department of Computer Science Engineering) for his valuable time and guidance that made the project work a success .

Our heartfelt thanks to Mr. Ashok Lekhwani (External Supervisor) for his support in providing us the data for the project. We also Like to extend our gratitude to all our Professors 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 Dr Sonal Jain (Department Coordinator, Computer Science Engineering) and Dr Sanjay Goel (Director, Institute of Engineering and Technology, JK Lakshmipat University) and L And A PVT LTD Jaipur Rajasthan for giving us a platform to carry out the project.

Sincerely yours,

Tanisha Upadhyay (2019BTechCSE151)

Tanisha

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CHAPTER 1:

ABOUT THE ORGANIZATION

We are a progressive Business Consultancy firm in India. We offer services at Jaipur and other major cities in India. Our consultancy is focused on continuously strives to be the Premier.

L And A Private Limited Jaipur Rajasthan is a Private incorporated on 10 June 2019. It is classified as Non-govt company and is registered at Registrar of Companies, Jaipur. Its authorized share capital is Rs. 100,000 and its paid up capital is Rs.100,000. It is involved in Repair of personal and household goods [Includes repair of personal and household goods when not done in combination with manufacture or wholesale or retail sale of these goods]

L And A Private Limited's Annual General Meeting (AGM) was last held on 31December 2020 and as per records from Ministry of Corporate Affairs (MCA), its balance sheet was last filed on 31 March 2020.

Directors of L And A Private Limited are Ashok Lal Lekhwani, Hema Lalwani.

ADDRESS:

315, Second Floor, Apex Mall, Greater Kailash Colony, Vidhayak Nagar, lalkothi, Tonk Road, Jaipur, Raj 302015

CHAPTER 2

INTRODUCTION

We offering services like GST, Tax Compliances, key statutory Facilitations, Business Planning, Financial Management, Accounts outsourcing, Registrations & formations of New entities in India, Business & Corporate taxation and Compliances, etc.

We provide excellent service to our clients and excellent quality of life for our associates. We assist and guide our clients to achieve and sustain a competitive advantage in business and industry. We are mainly focused on the Compliance of Businesses. Over the years we have grown our service offerings to provide value-added strategic advice to our clients

Tax compliance and reporting obligations for large multinational companies are complex and constantly evolving. Globally, regulatory bodies and tax authorities are introducing more stringent reporting requirements, including technology-driven initiatives such as real-time reporting and system-based audits.

L And A coordinated compliance teams help clients create insights and identify trends related to worldwide tax attributes, reduce global compliance and reporting costs, and strategically allocate resources to add value to the enterprise.

We can also help refine global tax compliance strategy and restructure operating models to meet direct and indirect tax compliance and reporting obligations around the world. Drawing on deep tax knowledge and a multidisciplinary network spanning 100+ countries, we help clients align data, process, technology, people, and governance with their business goals.

CHAPTER 3

OBJECTIVES

Understand basic concept and structure of HTML3, HTML4, HTML5, CSS, React, Nodejs
Bootstrap Framework,MySQL, creating Database

- To perceive communicational skills and organizational dynamics.
- To get educated about the official habitat.
- Opportunities for technical skill.
-

MODULES:

- Login page
- Registration page
- Background verification form
- Induction form
- Employee form
- Manage Business
- User List
- Role
- Inventory Master
- Print Configuration
- Service Master

ANALYSIS

Requirement Analysis

The main objectives for undertaking this project are:

- To understand the internal Recruitment process in organization.
- To identify areas where there can be scope for improvement.
- To give suitable recommendation to streamline the hiring process.
- To develop practical knowledge with theoretical recruitments

- To know about the importance of recruitment and selection.
- To find out better process of recruitment.
- To know about the role of recruit.

Roles and responsibility:

As an intern our responsibilities at L & A Pvt Ltd. Is to cover all aspects of creating web application to become a web developer. For this required core knowledge about designing tools like HTML, CSS, Bootstrap, React, JavaScript, etc. and backend scripting language like Node.js. The main responsibility is to ensure that the web application designed must appeal to the desired target audience and, as a result, catches their attention and also include a working knowledge of different web browsers.

CHAPTER 4

Technology Used:-

Html:

HTML (Hypertext Markup Language) is the code that is used to structure a web page and its content. For example, content could be structured within a set of paragraphs, a list of bulleted points, or using images and data tables.

HTML is a markup language that defines the structure of your content. HTML consists of a series of elements, which you use to enclose, or wrap, different parts of the content to make it appear a certain way, or act a certain way. The enclosing tags can make a word or image hyperlink to somewhere else, can italicize words, can make the font bigger or smaller, and so on.

CSS:

Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML or XML (including XML dialects such as SVG, Math ML or XHTML). CSS describes how elements should be rendered on screen, on paper, in speech, or on other media.

CSS is among the core languages of the open web and is standardized across Web browsers according to W3C specifications. Previously, development of various parts of CSS specification was done synchronously, which allowed versioning of the latest recommendations. You might have heard about CSS1, CSS2.1, CSS3. However, CSS4 has never become an official version.

Javascript:

JavaScript is a scripting or programming language that allows you to implement complex features on web pages every time a web page does more than just sit there and display static information for you to look at displaying timely content updates, interactive maps, animated 2D/3D graphics, scrolling video jukeboxes, etc.

The ECMA-262 Specification defined a standard version of the core JavaScript language.

- JavaScript is a lightweight, interpreted programming language.
- Designed for creating network-centric applications.
- Complementary to and integrated with Java.
- Complementary to and integrated with HTML.
- Open and cross-platform

Client-Side JavaScript

Client-side JavaScript is the most common form of the language. The script should be included in or referenced by an HTML document for the code to be interpreted by the browser.

It means that a web page need not be a static HTML, but can include programs that interact with the user, control the browser, and dynamically create HTML content.

The JavaScript client-side mechanism provides many advantages over traditional CGI server-side scripts. For example, you might use JavaScript to check if the user has entered a valid e-mail address in a form field.

The JavaScript code is executed when the user submits the form, and only if all the entries are valid, they would be submitted to the Web Server.

JavaScript can be used to trap user-initiated events such as button clicks, link navigation, and other actions that the user initiates explicitly or implicitly.

Nodejs:

Node.js shines in real-time web applications employing push technology over websockets. What is so revolutionary about that? Well, after over 20 years of stateless-web based on the stateless request-response paradigm, we finally have web applications with real-time, two-way connections, where both the client and server can initiate communication, allowing them to exchange data freely. This is in stark contrast to the typical web response paradigm, where the client always initiates communication. Additionally, it's all based on the open web stack (HTML, CSS and JS) running over the standard port 80.

Advantage of Nodejs:-

- Node.js is an open source server environment
 - Node.js is free
 - Node.js runs on various platforms (Windows, Linux, Unix, MacOS X, etc.)
- Node.js uses JavaScript on the server

Express:-

Express is a minimal and flexible Node.js web application framework that provides a robust set of features to develop web and mobile applications. It facilitates the rapid development of Node based Web applications. Following are some of the core features of Express framework –

- Allows to set up middlewares to respond to HTTP Requests.
- Defines a routing table which is used to perform different actions based on HTTP Method and URL.
- Allows to dynamically render HTML Pages based on passing arguments to templates.

MySQL:

MySQL is an open-source relational database management system. As with other relational databases, MySQL stores data in tables made up of rows and columns. Users can define, manipulate, control, and query data using Structured Query Language, more commonly known as SQL.

A flexible and powerful program, MySQL is the most popular open- source database system in the world. As part of the widely-used LAMPtechnology stack (which consists of a Linux-based operating system, the Apache web server, a MySQL database, and PHP for processing), it's used to store and retrieve data in a wide variety of popular applications, websites, and services.

PHP:

PHP (Hypertext Preprocessor) is known as a general-purpose scripting language that can be used to develop dynamic and interactive websites. It was among the first server-side languages that could be embedded into HTML, making it easier to add functionality to web pages without needing to call external files for data.

Postman:

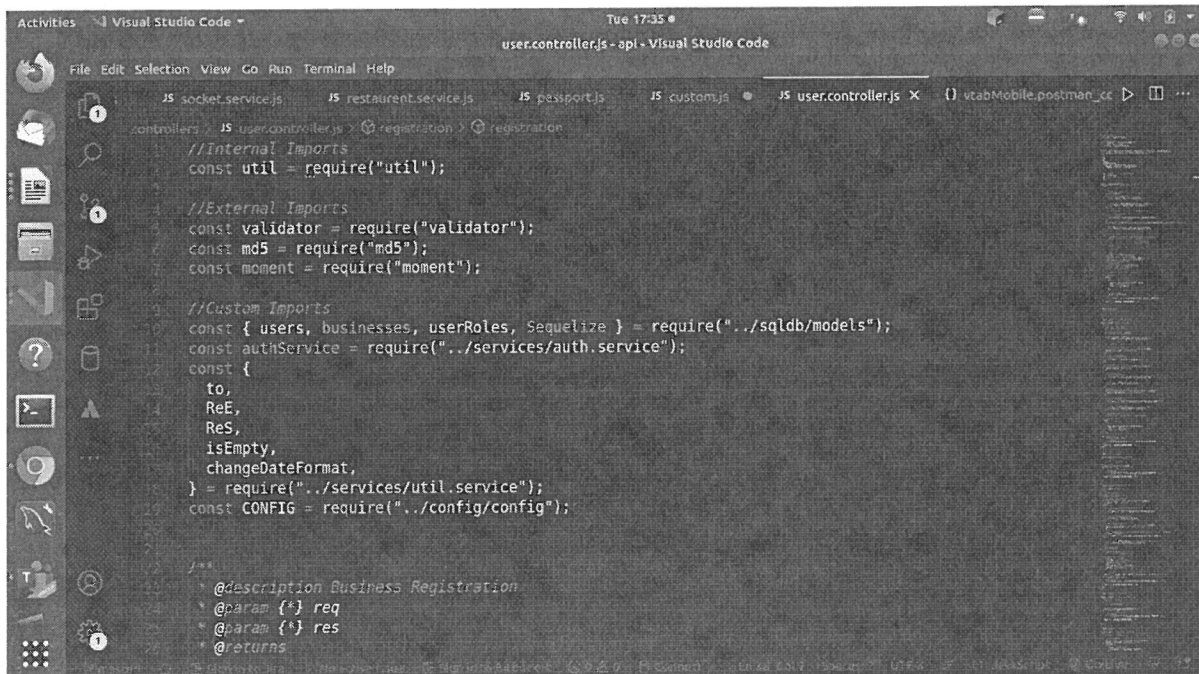
Postman is an API platform for building and using APIs. Postman simplifies each step of the API lifecycle and streamlines collaboration so you can create better APIs faster.

Postman is an application used for API testing. It is an HTTP client that tests HTTP requests, utilizing a graphical user interface, through which we obtain different types of responses that need to be subsequently validated.

CHAPTER 5

CODE

Creating Api Inside Controller:



```
user.controller.js - api - Visual Studio Code
Tue 17:35

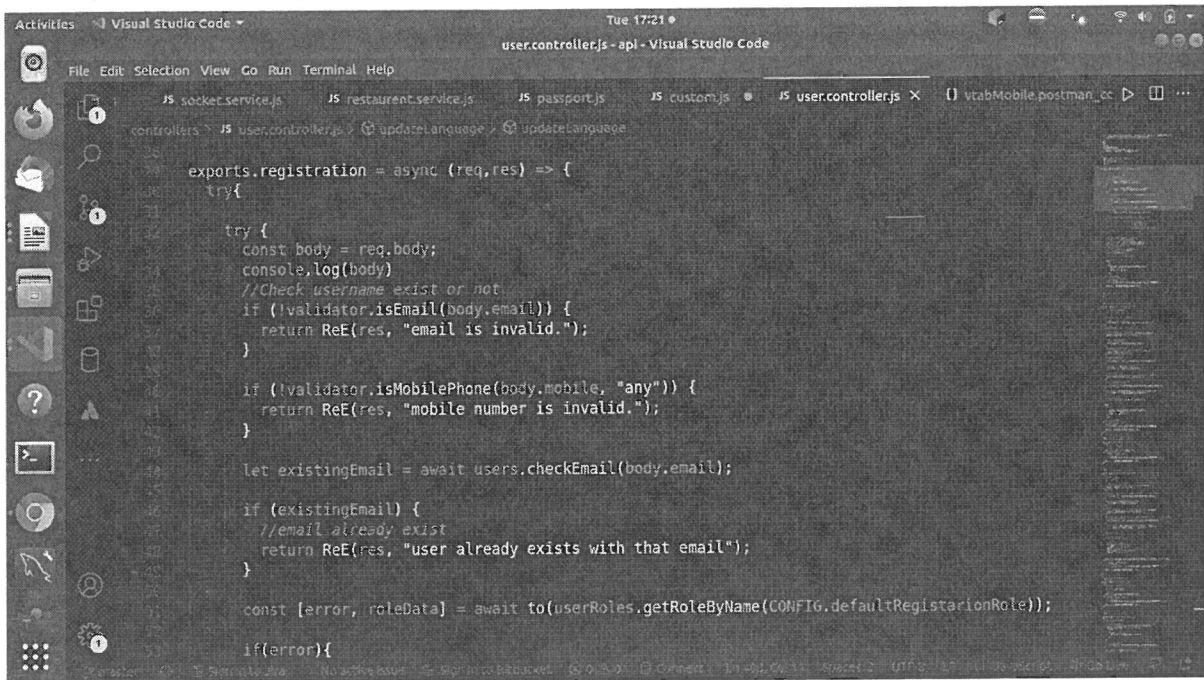
File Edit Selection View Go Run Terminal Help

JS socket.service.js JS restaurant.service.js JS passport.js JS custom.js JS user.controller.js X vtabMobile.postman.cc
controllers JS user.controller.js registration registration
//Internal Imports
const util = require("util");

//External Imports
const validator = require("validator");
const md5 = require("md5");
const moment = require("moment");

//Custom Imports
const { users, businesses, userRoles, Sequelize } = require("../sqlDb/models");
const authService = require("../services/auth.service");
const {
  to,
  ReE,
  ReS,
  isEmpty,
  changeDateFormat,
} = require("../services/util.service");
const CONFIG = require("../config/config");

/**
 * @description Business Registration
 * @param {*} req
 * @param {*} res
 * @returns
 */
```



```
exports.registration = async (req,res) => {
  try{
    try {
      const body = req.body;
      console.log(body)
      //Check username exist or not
      if (!validator.isEmail(body.email)) {
        return ReE(res, "email is invalid.");
      }

      if (!validator.isMobilePhone(body.mobile, "any")) {
        return ReE(res, "mobile number is invalid.");
      }

      let existingEmail = await users.checkEmail(body.email);

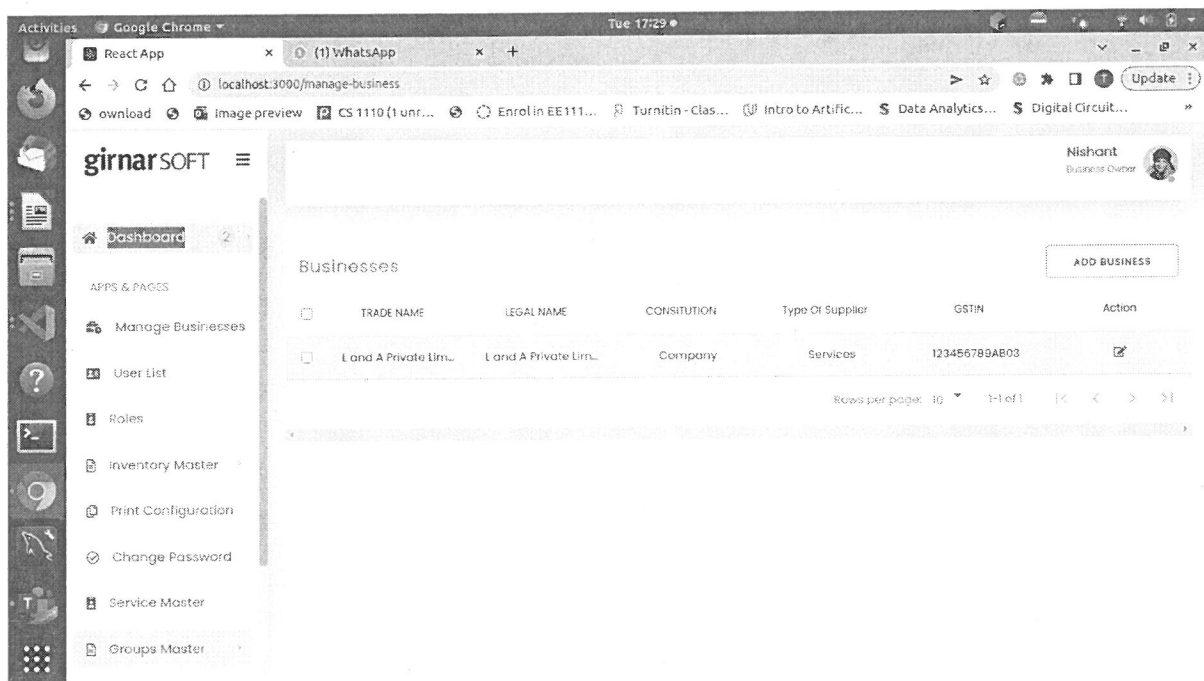
      if (existingEmail) {
        //email already exist
        return ReE(res, "user already exists with that email");
      }

      const [error, roleData] = await to(userRoles.getRoleByName(CONFIG.defaultRegistrarionRole));

      if(error){
```

CHAPTER 7

SCREENSHOT



Activities Google Chrome Tue 17:29

React App (1) WhatsApp

localhost:3000/add-business

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Nishant Business Owner

BUSINESS INFORMATION NATURE OF BUSINESS STATUTORY INFORMATION SUBSCRIPTION DETAILS

Trade Name

Trade Name

Constitution of Business

Select...

Beginning of Books

dd/mm/yyyy

Currency

INR

State

Select...

District

Select...

PIN Code

PIN Code

Address

Address

Contact

Contact

Email

Email

Mobile

Mobile Number

Website

Website

Activities Google Chrome Tue 17:29

React App (1) WhatsApp localhost:3000/add-business Update

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Nishant Business Owner

BUSINESS INFORMATION NATURE OF BUSINESS STATUTORY INFORMATION SUBSCRIPTION DETAILS

Trade Name Constitution of Business Begning of Books

Trade Name Select... dd/mm/yyyy

Currency

EUR

State District PIN Code

Select... Select... PIN Code

Address Contact Email

Address Contact Email

Mobile Website

Mobile Number Website

Activities Google Chrome Tue 17:42

React App (1) WhatsApp localhost:3000/print-config Update

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Nishant Business Owner

PRINT CONFIGURATION

Show section even they are empty

Show Bill To Section

Show Ship To Section

Show Billing details Section

Show E-Way / Transport Details section

Show Dealing in message

Show Our Bank details message

Show Terms & Conditions section

We Are Dealing in (Invoice Print View)

Bank details message

Term&Service (Invoice Print View)

Show logo on print

Show Signature

INTERNSHIP CERTIFICATE

Date: [04/07/2022]

TO WHOMSOEVER IT MAY CONCERN

This is to certify that tanisha upadhya has done his internship in full stack web application at L and A pvt ltd, jaipur, from 26/02/2022 to 26/06/2022 for the duration of 4 months .

she has worked on a project titled Gstart. This project was aimed at creating a web application using react and nodejs. As part of the project, she has done work in full stack.

During her internship she has demonstrated her skills with self-motivation to learn new skills. Her performance exceeded our expectations and she was able to complete the project on time.

We wish her all the best for his upcoming career.

Company name: L & A Pvt. Ltd.

Issuing person name: Nishant Mathur

Designation: Project manager

Nishant

LAND A PRIVATE LIMITED

[Signature][Seal of Company]

Authorised Signature