

A Synopsis Report on
Spare Part Inventory Management System

Submitted in partial fulfilment of the requirements of the degree of

PG Diploma in Advance Computing

by

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1. INTRODUCTION TO PROJECT

The web-based "Spare Part Management System" project aims to simulate the essential features of an online platform for managing and purchasing automobile or machinery spare parts. This system allows users to register on the website, enabling them to browse, purchase spare parts, and raise service-related complaints if needed. The system provides registration functionality for various types of users, allowing each to create a personalized account.

Once logged in, users can explore available spare parts, add them to the cart, place orders, track deliveries, and provide feedback or ratings on purchased items. The system includes three types of logins: User, Admin, and Delivery Personnel, each assigned with specific roles and responsibilities.

- Admin Module: This module plays a crucial role in managing the overall operations of the platform. It allows the administrator to monitor inventory, handle user queries, update product listings, and ensure smooth functioning of the system.
- Customer Module: This module is designed to provide customers with a user-friendly interface to search for spare parts, check availability, place orders, and manage their profiles and order history.
- Seller Module: This section focuses on streamlining the seller add category and edit category of ordered spare parts, ensuring timely and accurate deliveries to the users.

At "Spare Part Management System," our mission is to offer a reliable, efficient, and user-friendly platform for sourcing genuine spare parts. Whether for repair, maintenance, or replacement, the system is designed to ensure customers get exactly what they need, with ease and transparency.

The Spare Part Management System is set to modernize the spare parts distribution process by combining automation with convenience, helping both businesses and individual users manage their spare part needs efficiently and effectively.

2. Problem Definition & Scope

2.1. Problem Definition

The automobile spare parts industry faces numerous challenges that arise due to a lack of proper coordination between manufacturers, shippers, sellers, and end customers. The traditional system is mostly manual or disconnected, leading to issues such as:

- **Poor Inventory Management:** Sellers and companies often struggle with real-time stock updates, leading to delayed deliveries or order cancellations.
- **Inefficient Order Tracking:** Customers are unable to track their orders, and sellers rely heavily on manual processes for delivery updates.
- **Lack of Role-based Control:** There is no centralized system where each user (Admin, Shipper, Seller, Customer) can perform tasks based on their role.
- **Delayed Communication:** In traditional workflows, there is a communication gap between sellers and shipping partners.
- **Lack of Customer Trust:** Without Aadhaar verification, customers may feel insecure during registration and payment.

The absence of an integrated solution creates operational inefficiencies, delays, customer dissatisfaction, and loss of revenue.

SparePartWala aims to address these issues by providing a centralized web-based portal where each user interacts through their respective role with ease and clarity, ensuring transparency, efficiency, and security.

- **Scope of the Project**

The scope of this project is to develop a full-fledged web-based application named SparePartWala, which streamlines the management of automobile spare parts and ensures

seamless coordination between different stakeholders:

- **Multi-role Access:** The system will allow login access for four major users — Company (Manufacturer), Shipper, Seller, and Customer — each with customized dashboards and functionalities.
- **Single-Time Registration:** Users will register once using their personal details including Aadhaar number and photograph. These details will be reused in login and identity verification.
- **Inventory and Order Management:** Sellers can manage their inventory, update product information, and track stock levels. Orders will be processed automatically based on availability.
- **Order Tracking and Shipment Updates:** Customers will be able to track their orders in real-time, and shippers can update delivery status directly in the system.
- **Secure and Transparent System:** Aadhaar integration and photo-based identity ensure trustworthy transactions and user verification.
- The system will be scalable for adding more users or roles in the future and extendable to mobile applications.

The ultimate goal is to automate the spare parts distribution process, enhance efficiency, reduce manual dependencies, and build a transparent and trustworthy platform for all participants in the automobile spare part supply chain.

2.2 Goals & Objectives

- **Goals**

The primary goal of the SparePartWala system is to develop a centralized, secure, and role-based web application that streamlines the workflow of the automobile spare parts industry—from registration and inventory management to order placement—while enhancing operational efficiency, transparency, and user experience.

- **Objectives**

To achieve the defined goal, the project outlines the following specific objectives:

1. Centralized Platform Development

- Design and implement a web-based system that enables three user roles—Admin, Seller, and Customer—to interact through a unified platform with dedicated functionalities.

2. User Registration and Authentication

- Implement one-time secure user registration for all roles.
- Develop role-based login mechanisms to ensure secure and controlled access to the system.

3. Inventory and Product Management

- Enable sellers to add, update, or remove spare part listings.

- Ensure real-time inventory tracking to maintain availability and prevent stock mismatches.

4. Order Placement and Processing

- Allow customers to browse spare parts, add items to the cart, and place orders.
- Notify sellers upon order placement for timely processing.

5. Admin Monitoring and Role Management

- Provide the Admin with capabilities to monitor platform activities, manage user roles, resolve issues, and ensure system security and compliance.

6. Improve Communication and Reduce Delays

- Facilitate real-time system notifications to streamline interactions between customers, sellers, and administrators.

7. Scalability and Maintainability

- Develop the application with a modular and extensible architecture to support future enhancements such as mobile application support, payment gateway integration, or product recommendations.

2.3 Major Constraints & Outcomes

Key Constraints

1. System Architecture & Performance

- Real-time syncing between inventory, orders, and tracking.
- Must scale smoothly with increasing users and traffic.

2. Security & Access Control

- Role-based authentication for Admin, Seller, and Customer.
- Protection against unauthorized data access.

3. External Dependency Risks

- Downtime in third-party APIs (email/SMS/maps) can affect core modules.
- Reliable data backup and recovery for large volumes.

Expected Outcomes :

1. Streamlined Multi-role Operations

- Automated workflows for each user role.
- Easy collaboration among Admin ,sellers and customers.

2. Improved Customer & Seller Experience

- Real-time updates and tracking across the system.
- Intuitive and responsive interface for all devices.

3. Future-ready Platform

- Scalable for mobile app or feature upgrades.
- Can integrate additional modules like payment gateway.

3. Software Requirement Specification

3.1 Purposed System

The proposed system, SparePartWala, is a web-based Spare Parts Inventory Management platform developed using React for the frontend and Spring Boot for the backend. It focuses on centralizing operations between three main users Admin, Seller, and Customer to ensure smooth, transparent, and efficient management of spare parts inventory, ordering, and distribution.

Key Features :

Multi-Role Authentication and Dashboard Access:

The system supports separate login mechanisms for Admin, Seller, and Customer roles. After authentication, each user is redirected to a customized dashboard relevant to their responsibilities. Admins manage system-wide activities, Sellers handle product listings and stock, while Customers can search and order spare parts.

Spare Parts Inventory and Stock Monitoring (Seller Module):

Sellers can add, update, or delete spare part records from their dashboard. The system tracks stock in real-time, enabling sellers to monitor inventory levels and avoid overselling or order cancellations due to out-of-stock items.

Order Placement and History (Customer Module):

Customers can browse the catalog of available spare parts, place orders securely, and view their order history. The system also allows users to check the current status of their orders, providing better transparency in the purchase process.

Admin Control Panel and Analytics:

The Admin dashboard offers control over users, product categories, and seller management. It

includes system statistics and analytics such as total orders, active sellers, top-selling items, and more, aiding better business decisions.

User-Friendly Responsive Interface:

The entire application is responsive and works seamlessly across devices. The interface is designed to be intuitive and accessible, offering a clean experience to all stakeholders, whether on desktop or mobile.

Role-Based Security and Access Control:

Each user type has specific access permissions. Admins can manage users and view all transactions, while Sellers and Customers have restricted access to features relevant to their operations. This ensures data security and operational integrity.

3.2 Scope

The proposed system “SparePartWala” aims to provide a unified web-based platform that enables seamless interaction among four major stakeholders: Admin (Manufacturer), Seller, Shipper, and Customer. The system is designed to bring automation and transparency in the automobile spare parts supply chain. The following points describe the scope of this system in detail:

1. User Registration and Login

The system shall provide secure registration functionality using Aadhaar number verification, ensuring authenticity of users. Each user will register according to their role—Admin, Seller, Shipper, or Customer—and will receive role-specific login access. Proper password hashing, email verification, and login session management will be implemented.

2. Role-Based Dashboards

Every user will have access to a customized dashboard that provides relevant features based on their role. The Admin dashboard will include access to user management, order monitoring, and reporting. The Seller dashboard will provide inventory control and order status management. The Shipper dashboard will allow viewing of assigned deliveries and updating shipment status. The Customer dashboard will support browsing products, placing orders, and viewing order history.

3. Inventory Management (Seller Panel)

Sellers will be able to manage spare part listings by adding, updating, or deleting products along with prices and available stock. This panel will allow sellers to monitor which items are selling

the most and receive notifications when stocks are low. They will also be able to view and track orders placed by customers for their products.

4. Product Browsing and Ordering (Customer Panel)

Customers can explore available spare parts using a category-wise or vehicle-wise search system. The system will provide detailed product descriptions, prices, and seller ratings. Customers will be able to add items to the cart, place orders securely, and view their order history along with real-time delivery status tracking.

5. Order Management (Admin Panels)

The Admin will have access to all orders placed on the platform and will assign delivery tasks to available shippers. Shippers can update the order status at each stage such as Picked, In Transit, and Delivered. This ensures full transparency and real-time tracking for both admin and customers.

6. Security and Validation

Robust input validation will be implemented across all forms to prevent SQL injection and ensure data integrity. Role-based access control will prevent unauthorized data access. Aadhaar number and email verification will be performed during registration to prevent fraudulent accounts. HTTPS encryption will be enforced throughout the site for secure communication.

7. Analytics and Reporting (Admin Panel)

The Admin will be able to generate analytical reports such as sales trends, product demand analysis, order fulfilment rate, and user registration metrics. These reports will help in making data-driven decisions to optimize supply chain operations.

4. System Modules

4.1 Admin Module

The Admin module serves as the backbone of the system, granting administrators complete control over the application's configuration and workflow.

- **User Management**
 - Approve or reject Seller registrations.
 - Monitor registered Customers.
 - Manage user roles and permissions (Spring Security-based role handling).
 - Built using Spring Boot Controller, Service, and Repository layers.
- **Category & Master Data Management**
 - Create and update product categories for sellers.
 - Maintain reference tables using MySQL.
- **Order Supervision**
 - Monitor all orders across the system.
 - View seller-wise and customer-wise order history.
- **Reporting & Analytics**
 - Generate reports like sales trends, inventory logs, and user activity using REST APIs.
 - Display data in visual form using React.js charts (e.g., Chart.js or Recharts if used).
- **Technical Stack:**
 - Spring Boot (Java 17), MySQL, Spring Data JPA
 - RESTful APIs, JSON for backend communication
 - Role-based access via Spring Security

4.2 Seller Module

This module enables spare part sellers to handle their own digital storefront within the platform.

- **Product Management**

- Add new spare part listings with attributes (name, category, price, quantity, description).
- Update and delete existing products via secure endpoints.
- Product form validation done using React Hooks and controlled components.

- **Inventory Control**

- View and update stock availability in real time.
- Prevent over-ordering by syncing with MySQL inventory records.

- **Order Handling**

- View incoming customer orders.
- Change order status to "Ready for Dispatch" via PUT API.

- **Technical Stack:**

- Frontend: React.js (useState, useEffect, Axios)
- Backend: Spring Boot, JPA Repositories
- Data Format: JSON
- State handled via React Hooks or Context API (if applicable)

4.3 Customer Module

The Customer module is designed for end-users (buyers) to explore and purchase spare parts effortlessly.

- **Product Browsing**
 - Browse by category, search by name/brand.
 - View detailed product information and availability.
- **Order Placement**
 - Add products to cart (if implemented) or directly order.
 - React handles cart state and Axios sends POST requests to the backend.
- **Order History & Tracking**
 - View past orders and track the status (Pending, Ready for Dispatch, Delivered).
 - Dynamic rendering of order data using React and REST API.
- **User Profile Management**
 - Update personal information securely.
 - Session data stored using JWT Tokens (if implemented).
- **Technical Stack:**
 - Frontend: React.js (React Router, Axios for API calls)
 - Backend: Spring Boot controllers and services
 - Persistent data in MySQL (customer, order tables)

4.4 Authentication & Authorization Module

This module ensures that each user accesses only their respective parts of the application securely.

- **User Registration & Login**

- All users register with username, password, email (stored in encrypted format using BCrypt).
- Secure login using JWT-based authentication (if used) or Spring Security with sessions.

- **Role-Based Access Control**

- Admin, Seller, and Customer roles are defined in the database.
- Access control configured via Spring Security's @PreAuthorize, filters, and role checks.

- **Session & Token Management**

- Secure sessions or tokens are used to keep users authenticated.
- React stores tokens using localStorage or sessionStorage.

- **Technical Stack:**

- Backend: Spring Security, BCryptPasswordEncoder
- React: Protected Routes, token-based redirection
- MySQL stores user credentials securely

5. Requirement

- **Functional Requirements**

1. User Registration and Authentication:

The system shall allow Admins, Sellers, and Customers to register and log in with secure credentials. Each user will be redirected to a role-specific dashboard after login.

2. Role-Based Access Control:

The system shall provide access to features based on user roles:

- **Admin:** Full system access and control
- **Seller:** Manage inventory and process orders
- **Customer:** Browse products and place orders

3. Product & Inventory Management (Seller):

Sellers shall be able to add new spare parts, update stock levels, set prices, and delete or deactivate products as needed.

4. Product Browsing and Search (Customer):

Customers shall be able to browse spare parts by category, brand, or keyword search. Product listings should include images, descriptions, price, and availability.

5. Order Placement and Management:

Customers shall be able to place orders for available products. Once placed, the system shall update the inventory and notify the relevant seller.

6. Order Processing (Seller):

Sellers shall be able to view new orders, mark them as “Ready for Dispatch”, and monitor order status.

7. Admin Panel Functionalities:

Admin shall be able to:

- Approve/reject seller registrations
- Manage product categories
- Monitor overall system activity
- View and generate reports on users, inventory, and sales

8. Responsive UI Design:

The application shall be usable across various screen sizes (desktop, tablet, mobile), ensuring a consistent experience.

9. Database Operations

All data (users, products, orders, inventory) shall be stored and managed in a MySQL database using Spring Data JPA.

- **Non -Functional Requirements:**

Following Non-Functional Requirements will be there in the insurance to the internet:

1. Secure access to user's confidential data.
2. 24X7 availability.
3. Better component design to get better performance at peak time.
4. Flexible service-based architecture will be highly desirable for future extension. Non-Functional requirements define system properties and constraints.

Various other Non-Functional Requirements are:

- Security
- Reliability
- Maintainability
- Portability
- Extensibility
- Reusability
- Compatibility

5.1.1 Hardware Requirements

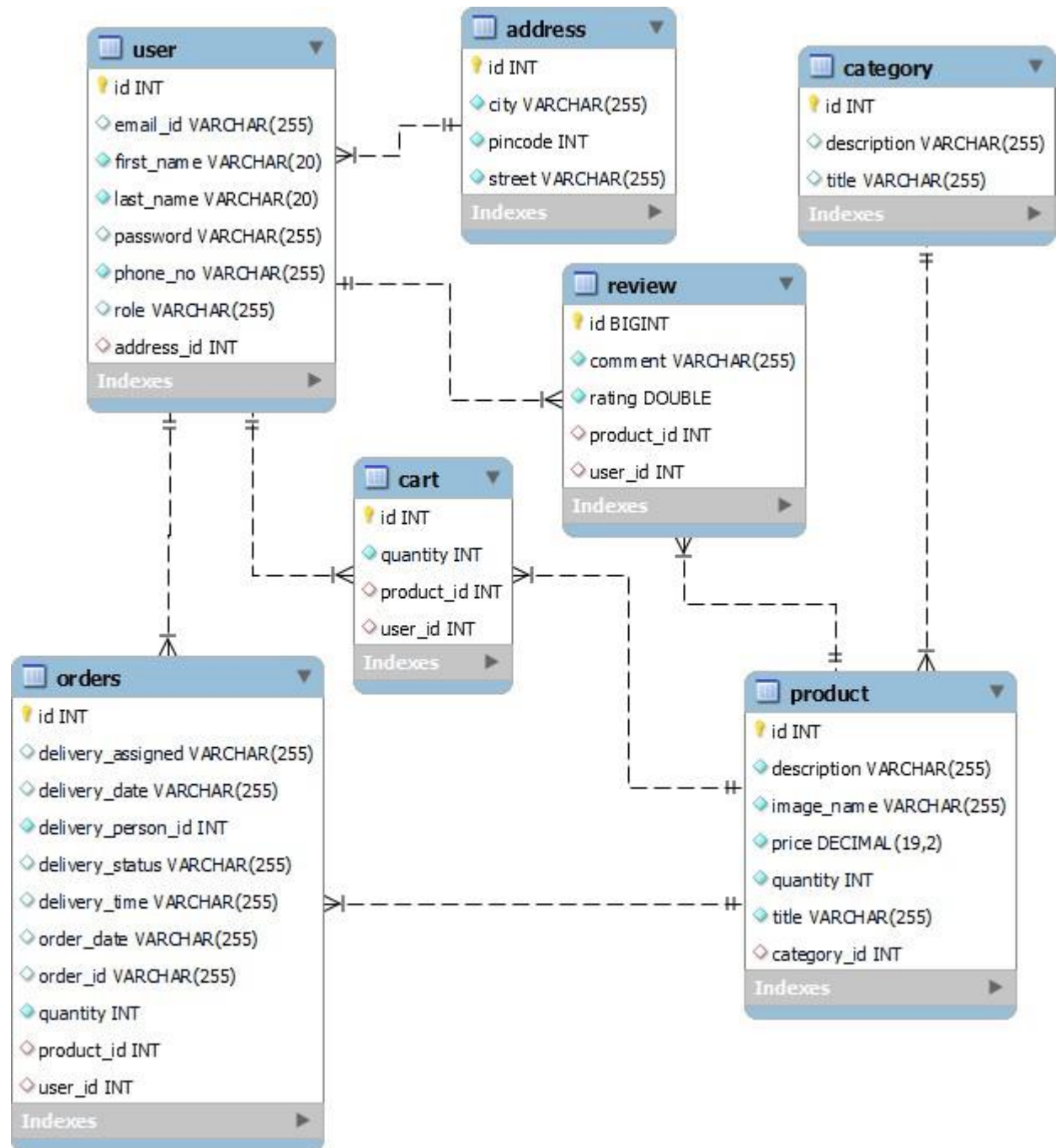
- Intel Core i3 processor or equivalent (minimum)
- **8 GB RAM (minimum), 16 GB recommended for optimal performance**
- **500 GB HDD or 256 GB SSD for data and code storage**
- 13-inch or larger display with at least 1366×768 resolution
- Standard input devices (keyboard and mouse)
- Stable internet connection for API usage, Git, and deployment

5.1.2 Software Requirements

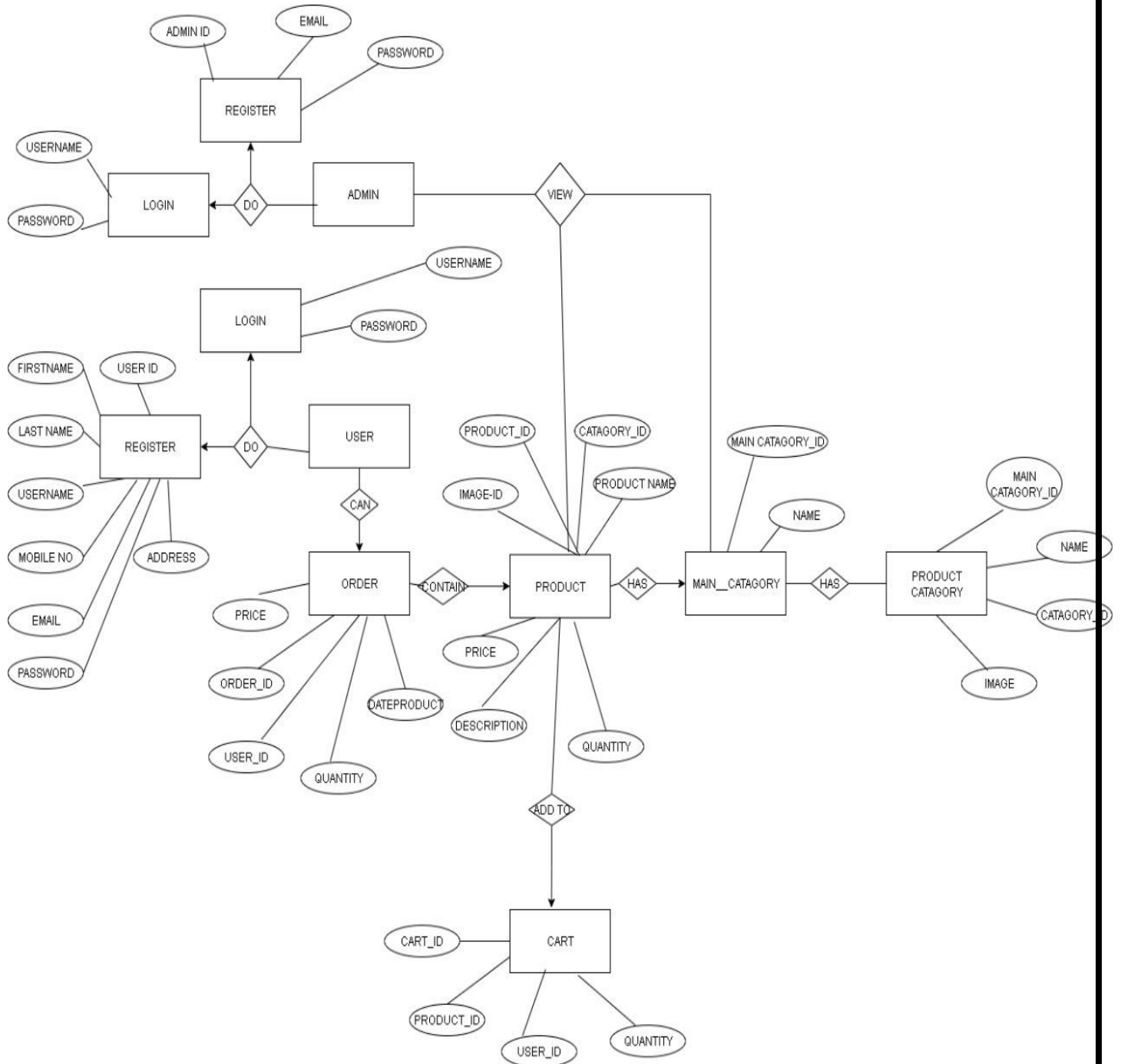
- Windows 10/11, Linux, or macOS operating system
- Visual Studio Code for frontend development using React.js
- Eclipse IDE for backend development using Spring Boot
- Node.js and npm for running and building the React frontend
- Java JDK 17 or higher for compiling and executing Spring Boot applications
- MySQL database for storing user, inventory, and order data
- Apache Maven for backend build and dependency management
- Git and GitHub for version control and collaboration
- Postman for testing RESTful APIs
- Google Chrome or Mozilla Firefox for UI testing and validation

6. UML Diagrams

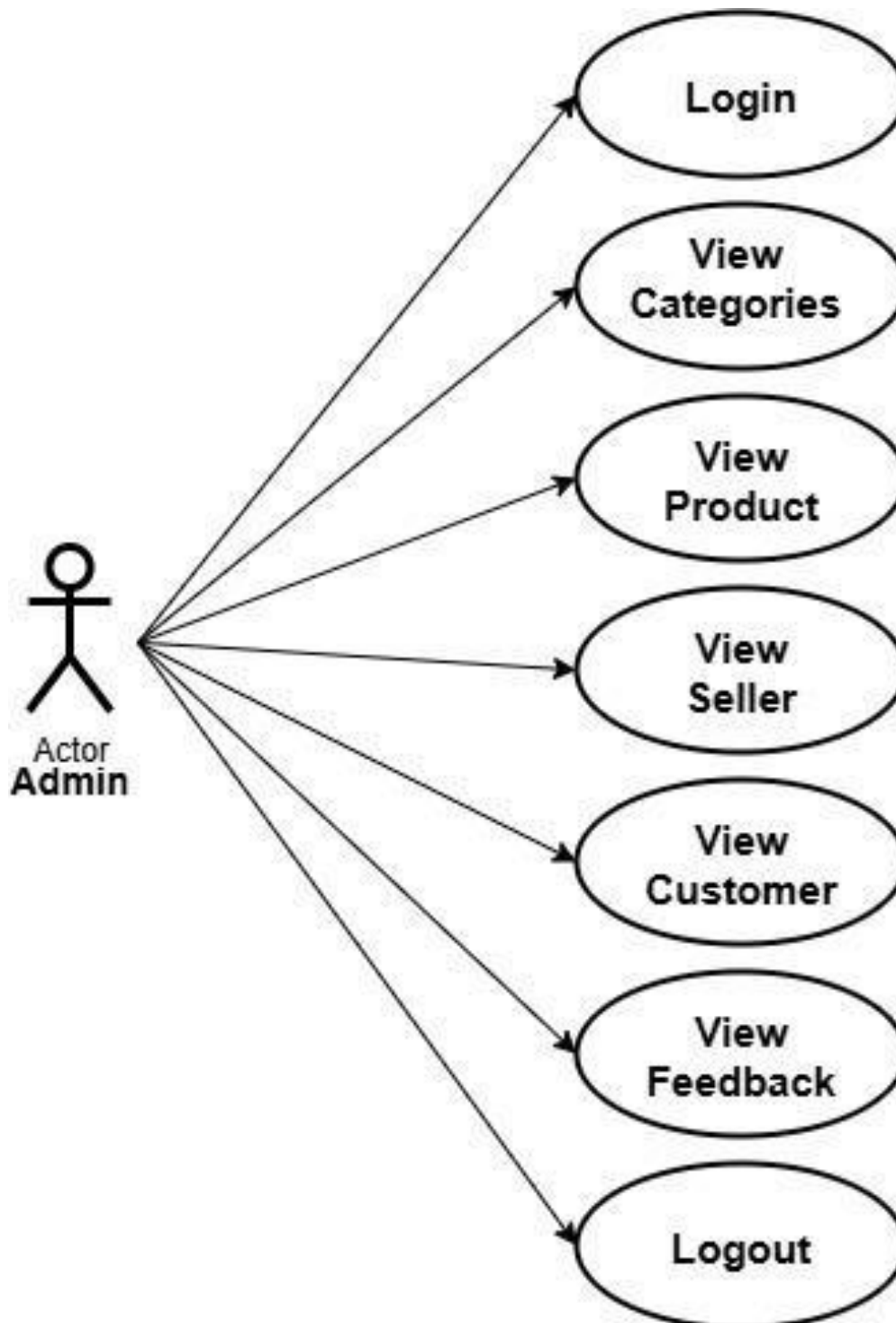
6.1 Data Flow Diagram (DFD)

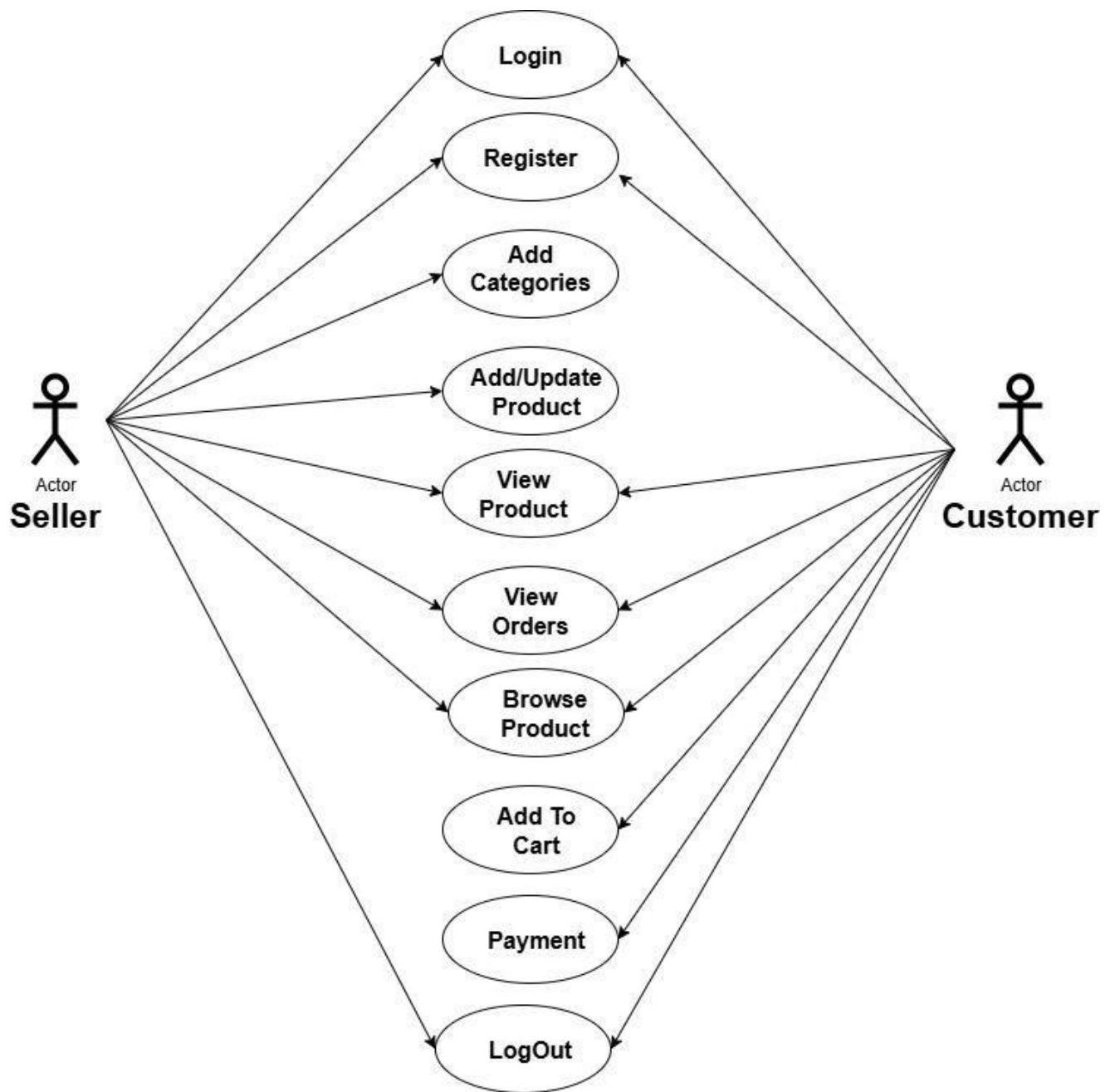


6.2 Entity-Relationship Diagram (ERD)

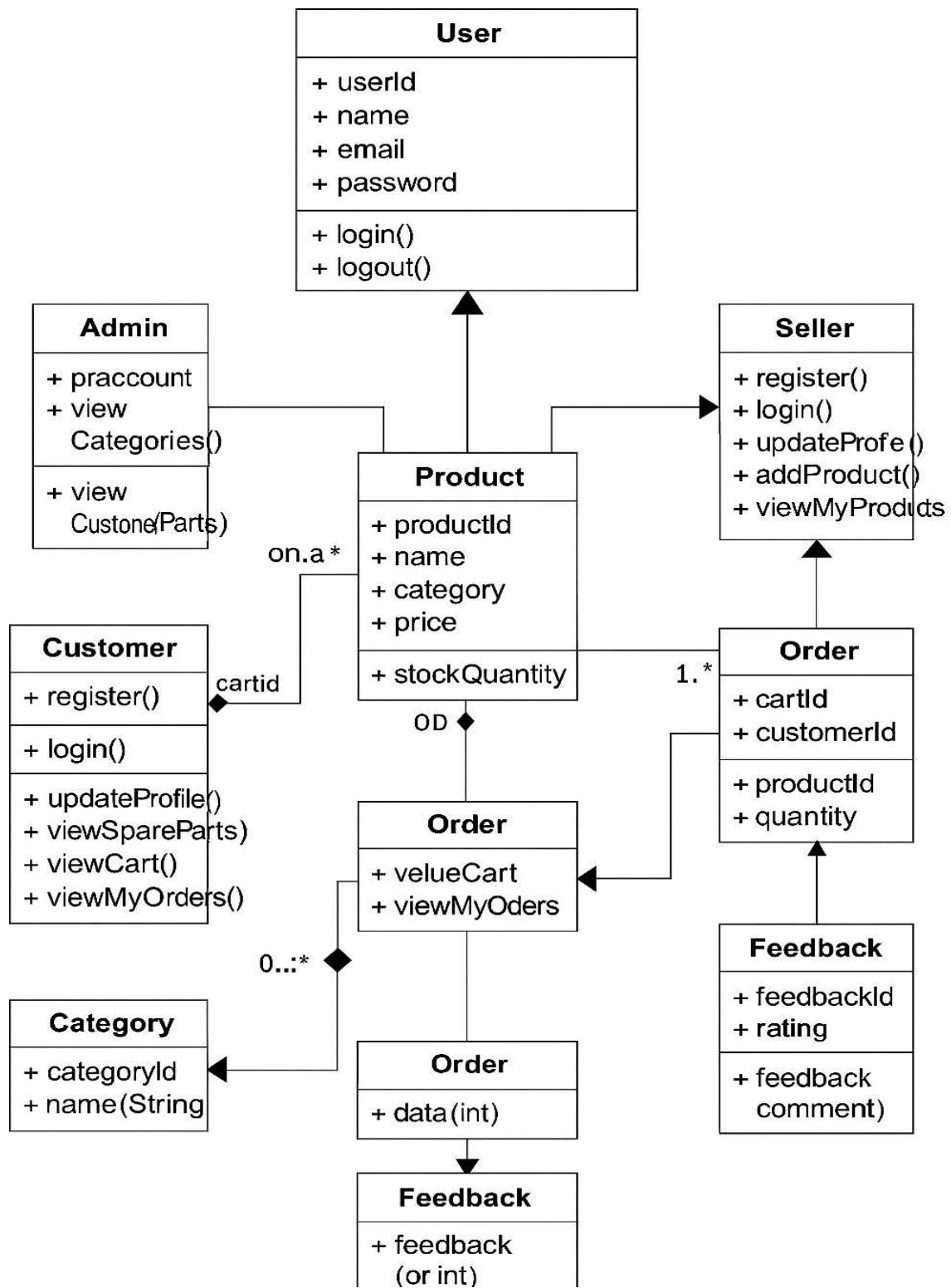


6.3 Use Case Diagram

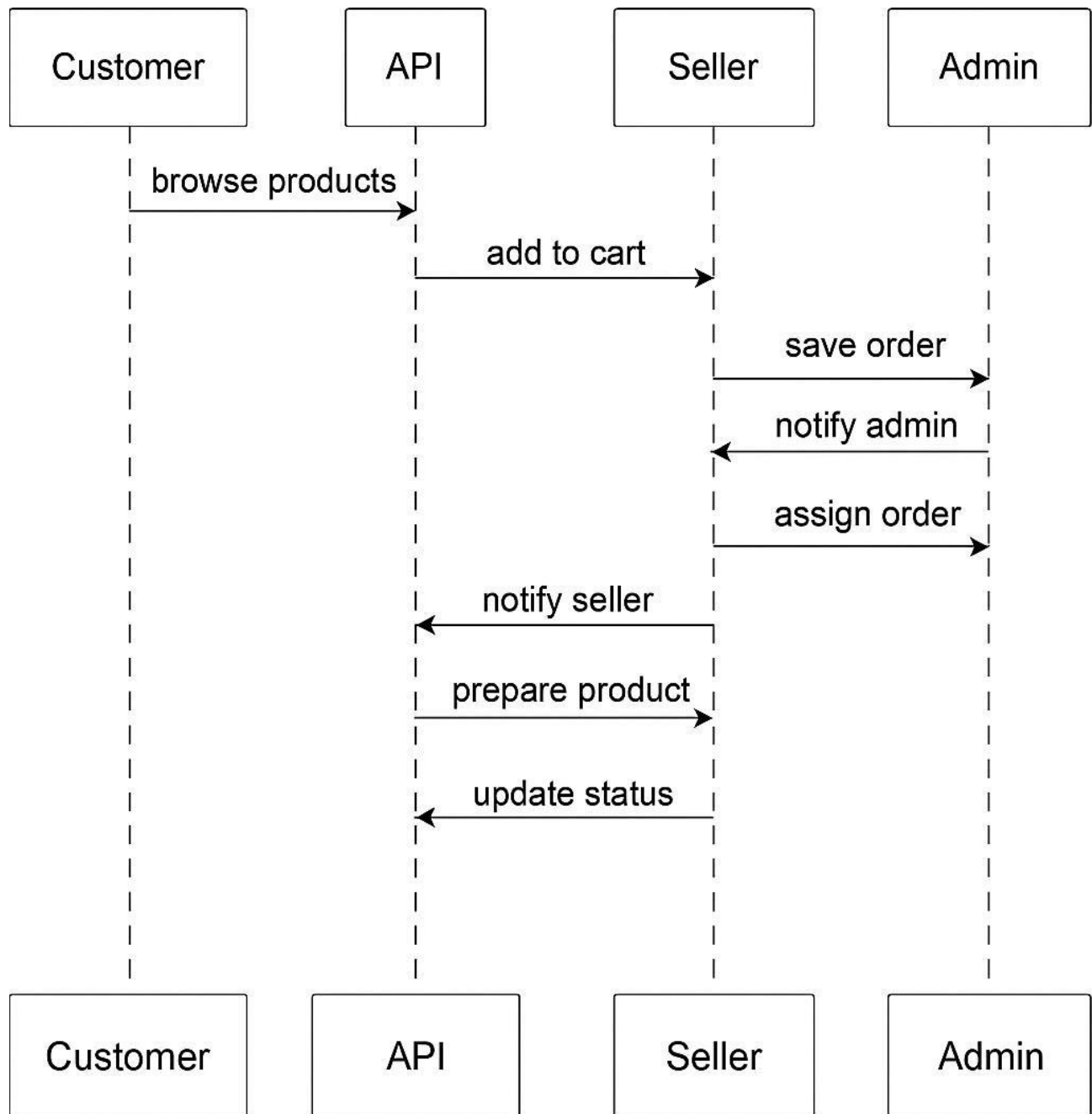




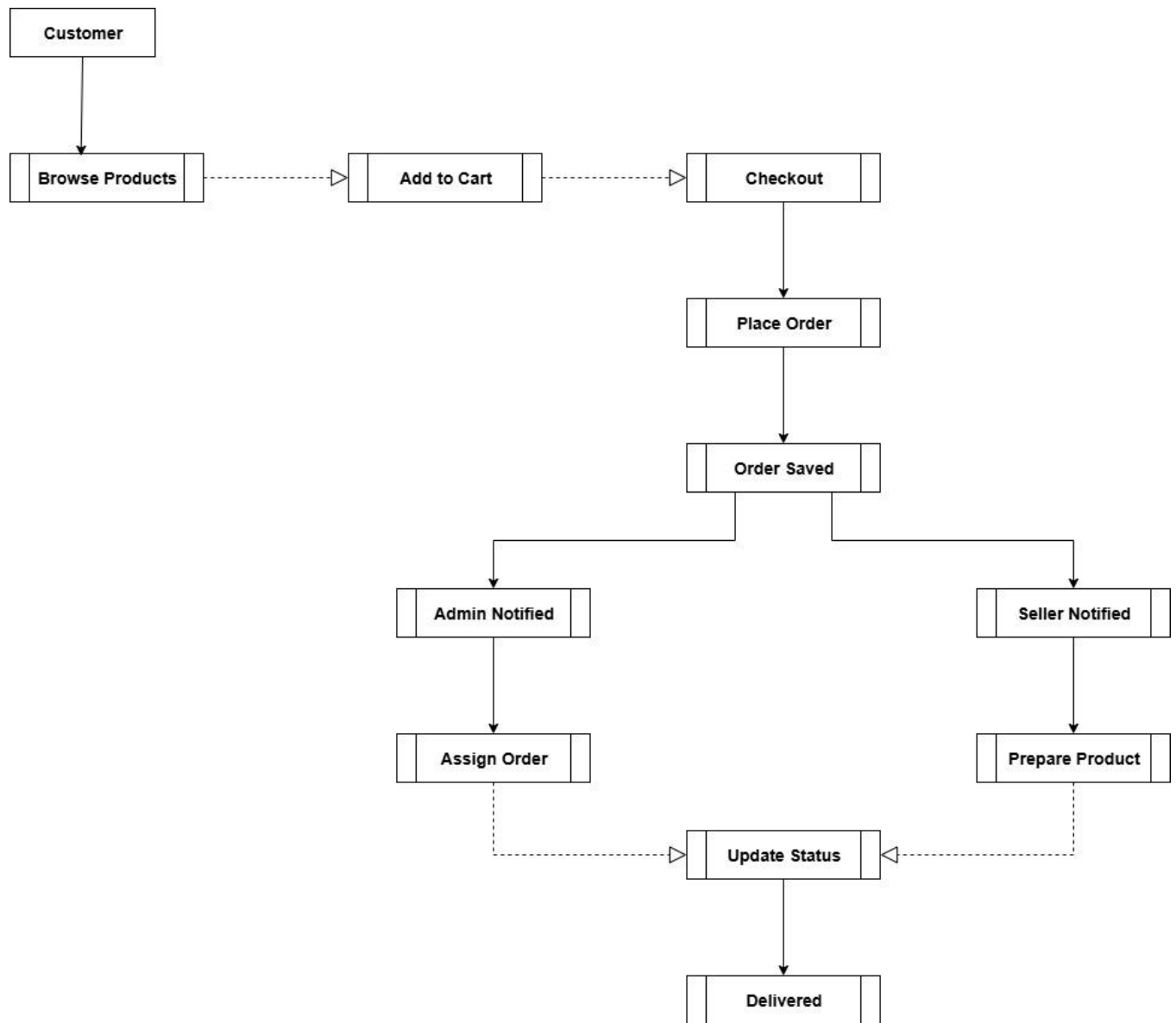
6.4 Class Diagram



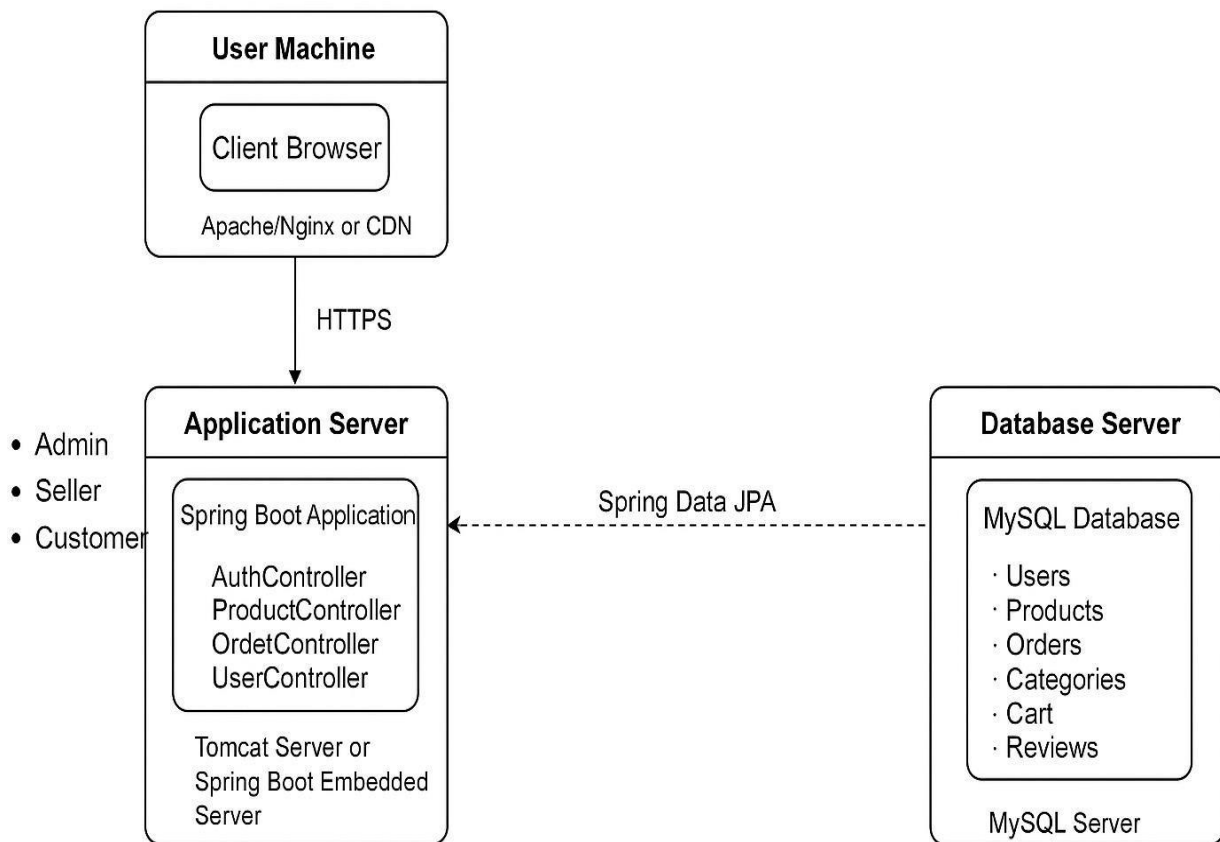
6.5 Sequence Diagram



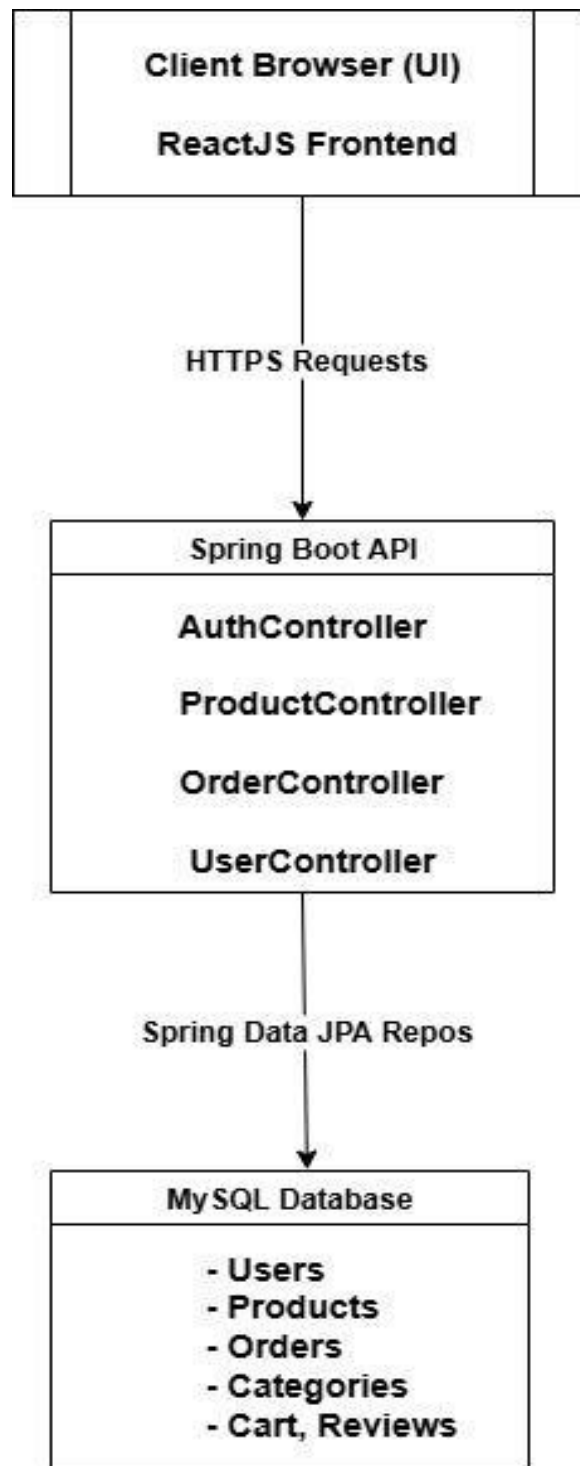
6.6 Activity Diagram



6.7 Deployment Diagram



6.7 System Architecture Diagram



7. Database Design

The following table structures depict the database design.

Table 1 : Customer

| Key Type/ Constraint | Column Name | Data Type | Length | Allow Null (1=Yes;0=No) |
|---------------------------------|--------------------|------------------|---------------|------------------------------------|
| 2 | id | INT | - | 0 |
| 1 | email_id | varchar | 255 | 1 |
| 0 | first_name | varchar | 20 | 0 |
| 0 | last_name | varchar | 20 | 0 |
| 0 | password | varchar | 255 | 1 |
| 0 | phone_no | varchar | 255 | 0 |
| 0 | role | varchar | 255 | 1 |
| 1 | address_id | INT | - | 1 |

Table 2 : address

| Key Type/ Constraint | Column Name | Data Type | Length | Allow Null (1=Yes;0=No) |
|---------------------------------|--------------------|------------------|---------------|------------------------------------|
| 2 | id | INT | - | 0 |
| 0 | city | varchar | 255 | 0 |
| 0 | pincode | INT | - | 0 |
| 0 | street | varchar | 255 | 0 |

Table 3 : Category

| Key Type/ Constraint | Column Name | Data Type | Length | Allow Null (1=Yes;0=No) |
|---------------------------------|--------------------|----------------------|---------------|------------------------------------|
| 2 | id | INT | - | 0 |
| 0 | description | varchar | 255 | 0 |
| 0 | title | varchar | 255 | 0 |

Table 4 : Product

| Key Type/ Constraint | Column Name | Data Type | Length | Allow Null (1=Yes;0=No) |
|---------------------------------|--------------------|----------------------|---------------|------------------------------------|
| 2 | id | INT | - | 0 |
| 0 | description | varchar | 255 | 0 |
| 0 | image_name | varchar | 255 | 0 |
| 0 | price | decimal | (19,2) | 0 |
| 0 | quantity | INT | - | 0 |
| 0 | title | varchar | 255 | 0 |
| 1 | category_id | INT | - | 1 |

Table 5 : Review

| Key Type/ Constraint | Column Name | Data Type | Length | Allow Null (1=Yes;0=No) |
|---------------------------------|--------------------|----------------------|---------------|------------------------------------|
| 2 | id | bigint | - | 0 |
| 0 | comment | varchar | 255 | 0 |
| 0 | rating | double | 255 | 0 |
| 1 | product_id | INT | 255 | 1 |
| 1 | user_id | INT | 255 | 1 |

Table 6 : Cart

| Key Type/ Constraint | Column Name | Data Type | Length | Allow Null (1=Yes;0=No) |
|---------------------------------|--------------------|----------------------|---------------|------------------------------------|
| 2 | id | INT | - | 0 |
| 0 | quantity | varchar | 255 | 0 |
| 1 | product_id | INT | 255 | 1 |
| 1 | user_id | INT | 255 | 1 |

Table 7 : Orders

| Key Type/ Constrain t | Column Name | Data Typ e | Lengt h | Allow Null (1=Yes;0=No) |
|--|------------------------|---------------------------|--------------------|---|
| 2 | id | INT | - | 0 |
| 0 | delivery_assigned | varchar | 255 | 1 |
| 0 | delivery_date | varchar | 255 | 1 |
| 0 | delivery_person_i d | INT | - | 0 |
| 0 | delivery_status | varchar | 255 | 1 |
| 0 | delivery_time | varchar | 255 | 1 |
| 0 | order_date | varchar | 255 | 1 |
| 0 | order_id | varchar | 255 | 1 |
| 0 | quantity | INT | - | 0 |
| 1 | product_id | INT | - | 1 |
| 1 | user_id | INT | - | 1 |

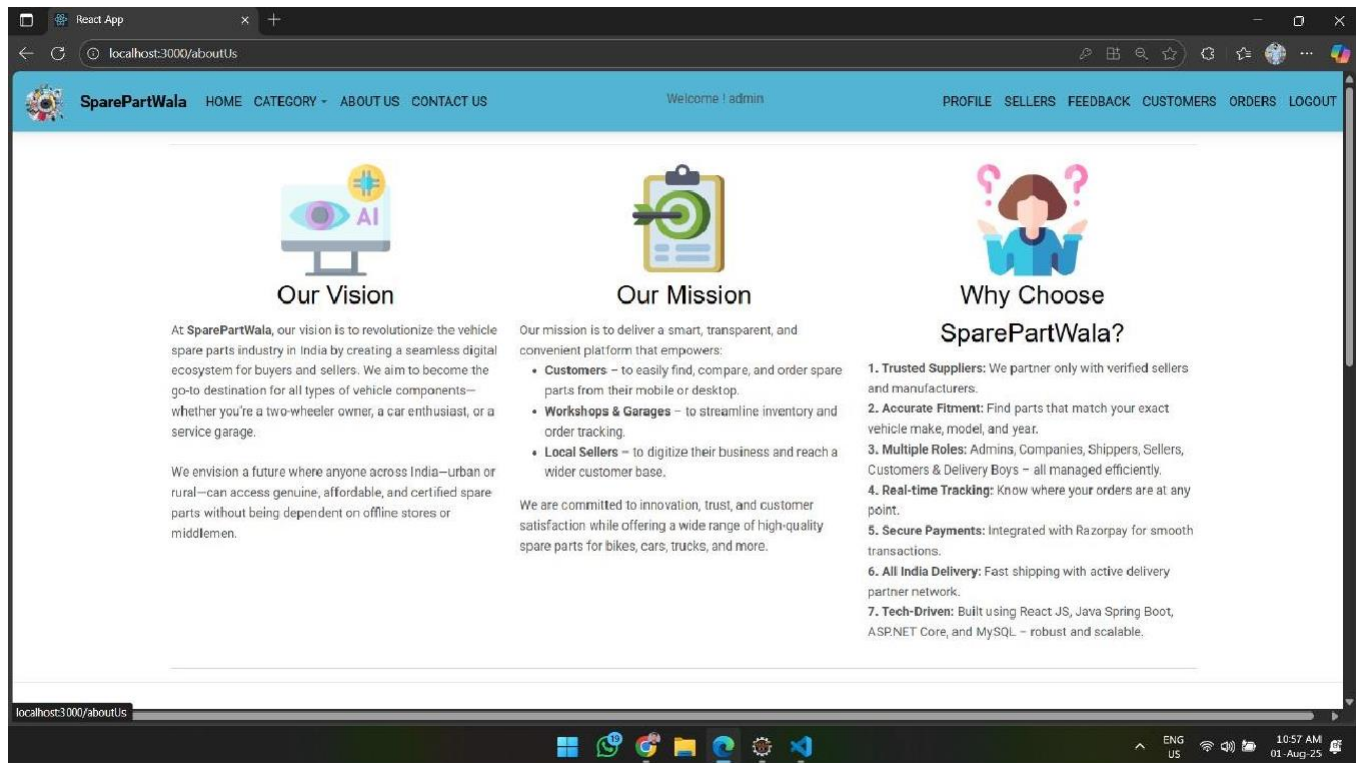
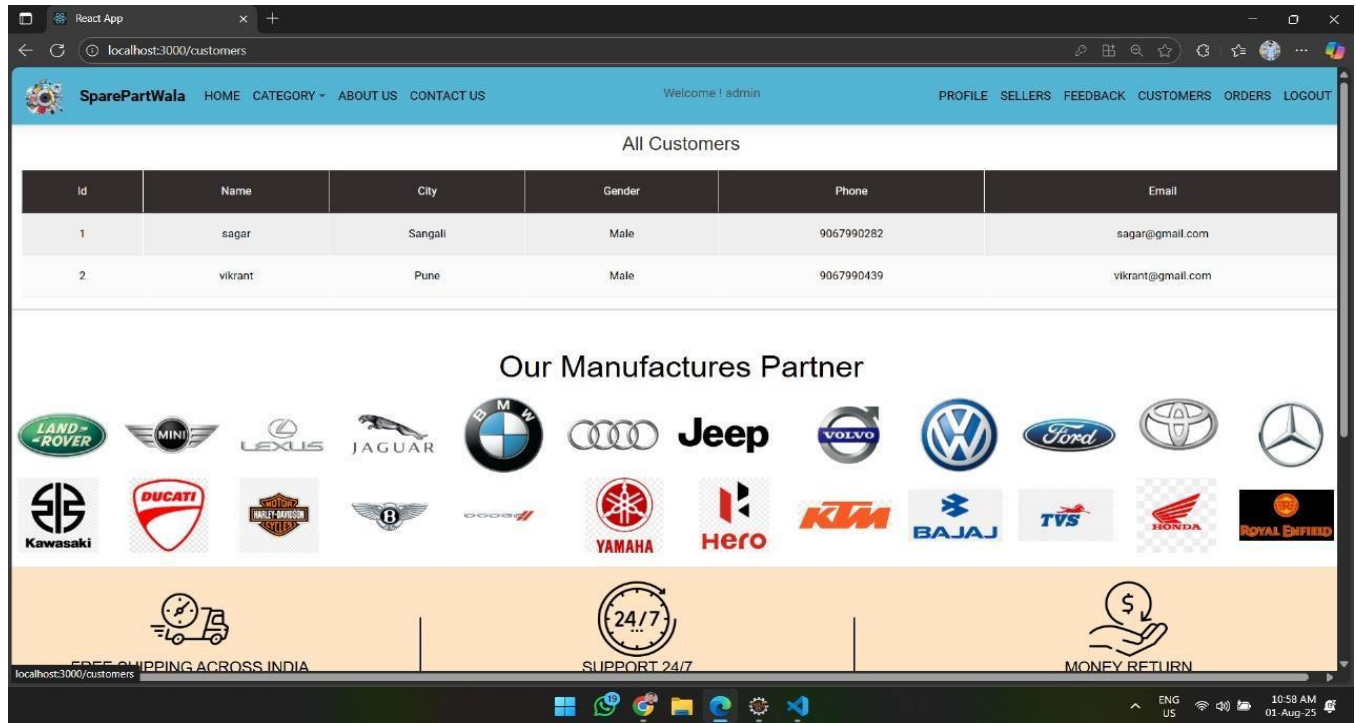
7. Test Cases

GENERAL TESTING :

| SR - NO | TEST CASE | EXPECTD RESULT | ACTUAL RESULT | ERROR MESSAG E |
|---------------|--------------------------------|-------------------------------------|------------------|---|
| 1 | Register Page | Redirected to Nextpage | OK | Nothing |
| 2 | Login Page | Pop-up will come | Ok | Please enter username and password again . |
| 3 | Costumer Register | Register a Costumer | Ok | Nothing |
| 4 | Checking login or not | Costumer is logged in or not | Ok | Nothing |
| 5 | Add Product | Add Information about Product | Ok | Nothing |
| 6 | Order Details | Get all orders | Ok | Nothing |
| 7 | Add to cart | Test adding products to cart | Ok | Nothing |
| 8 | Security (SQL Injection) | Test SQL injection vulnerability | Ok | Nothing |
| 9 | Mobile Responsiven ess | Test website on mobile devices | Ok | Nothing |
| 10 | Logout | It will logout from userprofile. | Ok | Nothing |

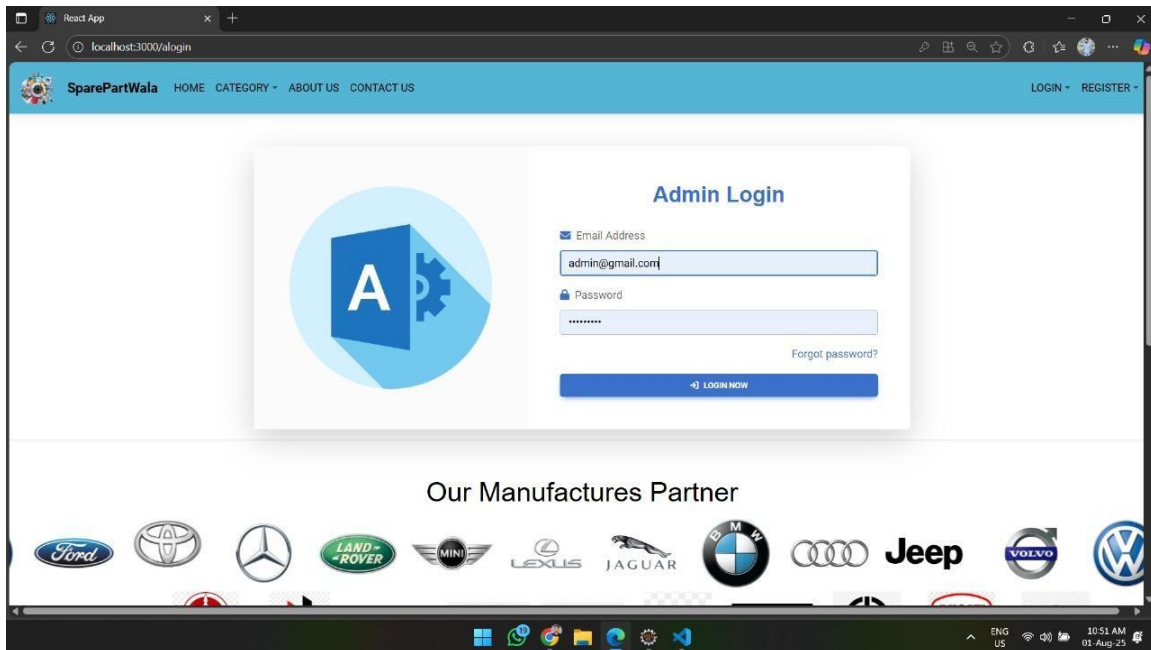
8. Screenshots

Homepage :

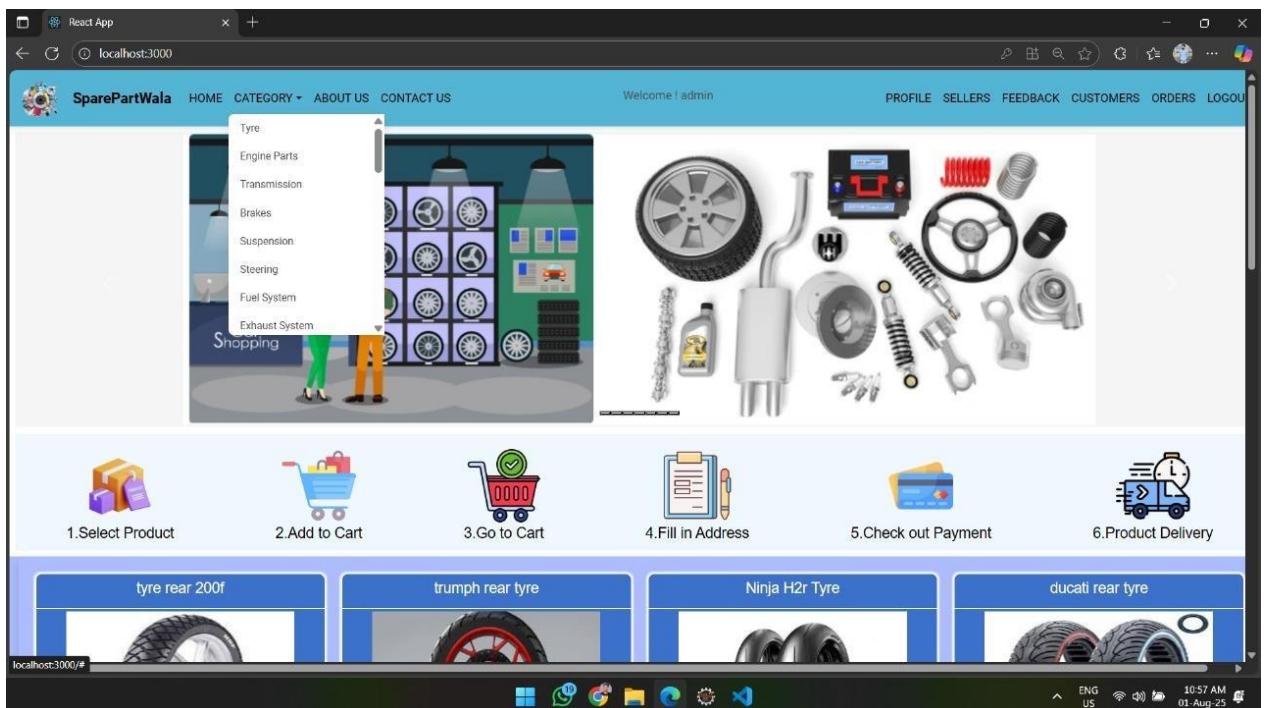


Admin

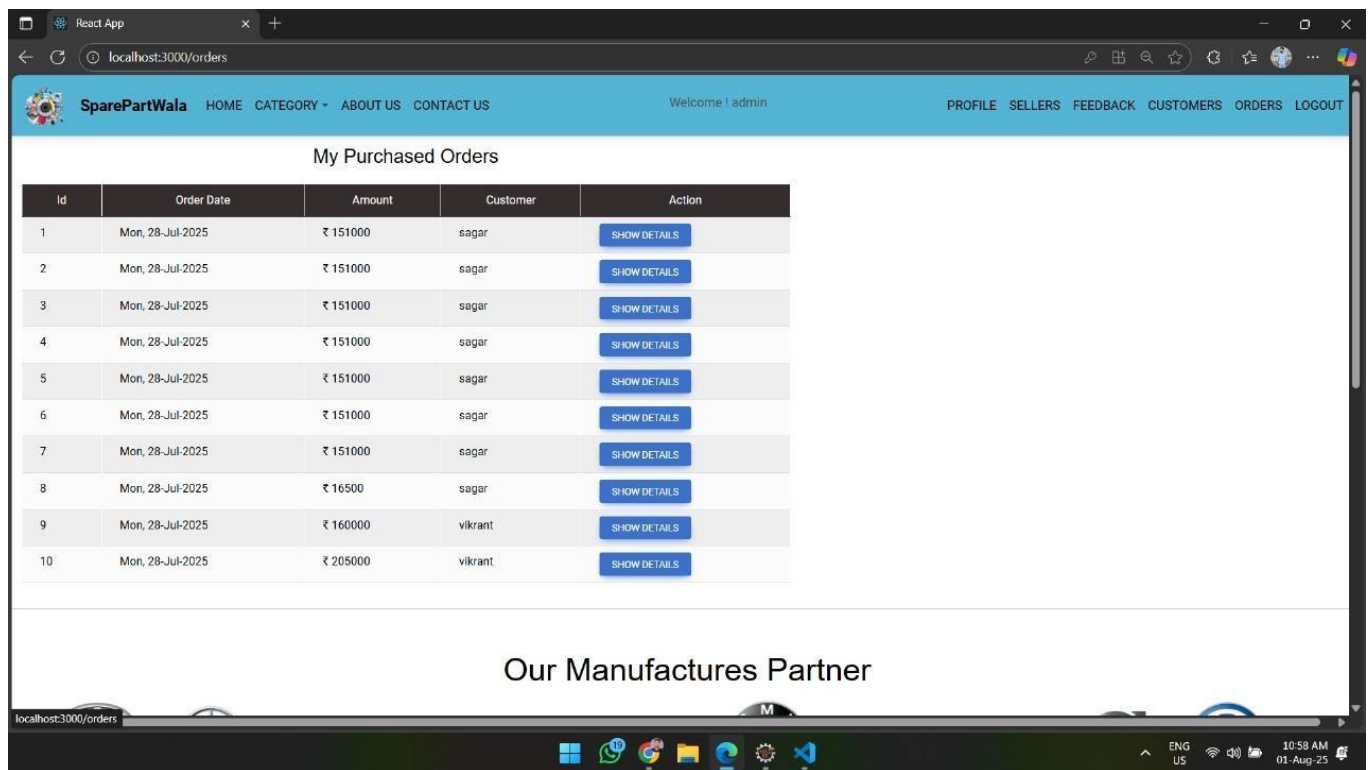
1. Admin Login



2. Admin page



3. All orders details



React App

localhost:3000/orders

SparePartWala HOME CATEGORY - ABOUT US CONTACT US Welcome! admin PROFILE SELLERS FEEDBACK CUSTOMERS ORDERS LOGOUT

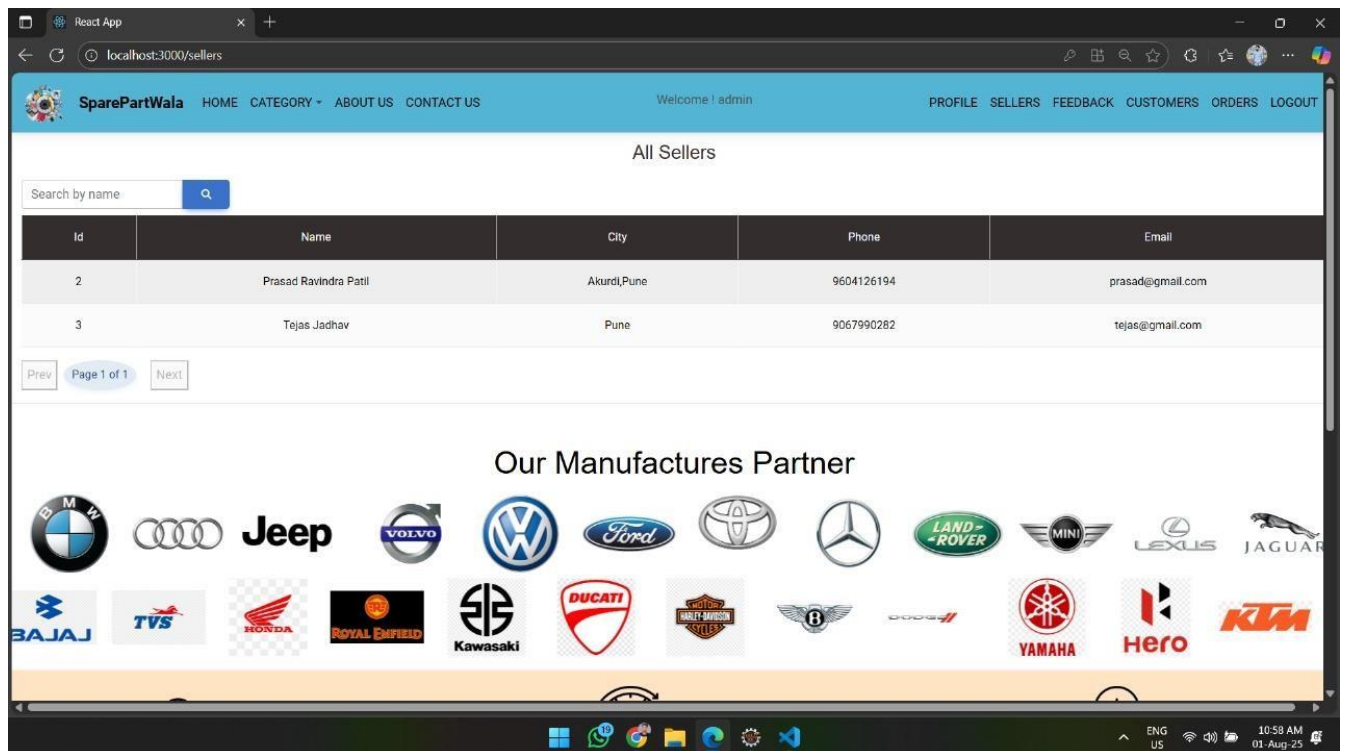
My Purchased Orders

| Id | Order Date | Amount | Customer | Action |
|----|------------------|----------|----------|------------------------------|
| 1 | Mon, 28-Jul-2025 | ₹ 151000 | sagar | SHOW DETAILS |
| 2 | Mon, 28-Jul-2025 | ₹ 151000 | sagar | SHOW DETAILS |
| 3 | Mon, 28-Jul-2025 | ₹ 151000 | sagar | SHOW DETAILS |
| 4 | Mon, 28-Jul-2025 | ₹ 151000 | sagar | SHOW DETAILS |
| 5 | Mon, 28-Jul-2025 | ₹ 151000 | sagar | SHOW DETAILS |
| 6 | Mon, 28-Jul-2025 | ₹ 151000 | sagar | SHOW DETAILS |
| 7 | Mon, 28-Jul-2025 | ₹ 151000 | sagar | SHOW DETAILS |
| 8 | Mon, 28-Jul-2025 | ₹ 16500 | sagar | SHOW DETAILS |
| 9 | Mon, 28-Jul-2025 | ₹ 160000 | vikrant | SHOW DETAILS |
| 10 | Mon, 28-Jul-2025 | ₹ 205000 | vikrant | SHOW DETAILS |

Our Manufactures Partner

localhost:3000/orders

3. Sellers list



React App

localhost:3000/sellers

SparePartWala HOME CATEGORY - ABOUT US CONTACT US Welcome! admin PROFILE SELLERS FEEDBACK CUSTOMERS ORDERS LOGOUT

All Sellers

Search by name:

| Id | Name | City | Phone | Email |
|----|-----------------------|-------------|------------|------------------|
| 2 | Prasad Ravindra Patil | Akurd, Pune | 9604126194 | prasad@gmail.com |
| 3 | Tejas Jadhav | Pune | 9067990282 | tejas@gmail.com |

Prev Page 1 of 1 Next

Our Manufactures Partner

BAJAJ TVS HONDA ROYAL ENFIELD Kawasaki DUCATI HARLEY-DAVIDSON B YAMAHA Hero KTM

4. All Customers

The screenshot displays the 'All Customers' page of the SparePartWala application. The page features a navigation bar with links to HOME, CATEGORY, ABOUT US, CONTACT US, and a user profile section (Welcome ! admin, PROFILE, SELLERS, FEEDBACK, CUSTOMERS, ORDERS, LOGOUT). Below the navigation bar, the title 'All Customers' is centered. A table lists customer details:

| Id | Name | City | Gender | Phone | Email |
|----|---------|---------|--------|------------|-------------------|
| 1 | sagar | Sangali | Male | 9067990282 | sagar@gmail.com |
| 2 | vikrant | Pune | Male | 9067990439 | vikrant@gmail.com |

Below the table, the section 'Our Manufactures Partner' displays logos for various car manufacturers, including Land Rover, Mini, Lexus, Jaguar, BMW, Audi, Jeep, Volvo, Volkswagen, Ford, Toyota, Mercedes-Benz, Kawasaki, Ducati, Harley-Davidson, Bentley, Dodge, Yamaha, Hero, KTM, Bajaj, TVS, Honda, and Royal Enfield. At the bottom, three service icons are shown: 'FREE SHIPPING ACROSS INDIA' (truck icon), 'SUPPORT 24/7' (clock icon), and 'MONEY RETURN' (hand holding money icon).

5. Customers Feedback

The screenshot displays the 'Customers Feedback' page of the SparePartWala application. The page features a navigation bar with links to HOME, CATEGORY, ABOUT US, CONTACT US, and a user profile section (Welcome ! admin, PROFILE, SELLERS, FEEDBACK, CUSTOMERS, ORDERS, LOGOUT). Below the navigation bar, the title 'Customer Feedback' is centered. A table lists customer feedback details:

| ID | Name | Email | Rating | message |
|----|---------|-------------------|--------|---|
| 1 | sagar | sagar@gmail.com | ★★★★★ | nice service and product are safely delivered |
| 2 | vikrant | vikrant@gmail.com | ★★★★ | good service |

Below the table, the section 'Our Manufactures Partner' displays logos for various car manufacturers, including Land Rover, Mini, Lexus, Jaguar, BMW, Audi, Jeep, Volvo, Volkswagen, Ford, Toyota, Mercedes-Benz, Kawasaki, Ducati, Harley-Davidson, Bentley, Dodge, Yamaha, Hero, KTM, Bajaj, TVS, Honda, and Royal Enfield. At the bottom, three service icons are shown: 'FREE SHIPPING ACROSS INDIA' (truck icon), 'SUPPORT 24/7' (clock icon), and 'MONEY RETURN' (hand holding money icon).

Coustermer

1. Coustomer Registration Form

The screenshot shows a web browser window with the URL `localhost:3000/register`. The website header includes the logo "SparePartWala" and navigation links: HOME, CATEGORY, ABOUT US, CONTACT US. On the right, there are links for LOGIN and REGISTER. The main content area features a "Customer Registration Form" with a blue icon of a document and a checkmark. The form fields are as follows:

| Field | Value |
|------------------|-----------------|
| Customer Name | Tejas Jadhav |
| City | Pune |
| Email | tejas@gmail.com |
| Phone | 9067990282 |
| Gender | Male |
| Password | ***** |
| Confirm Password | ***** |

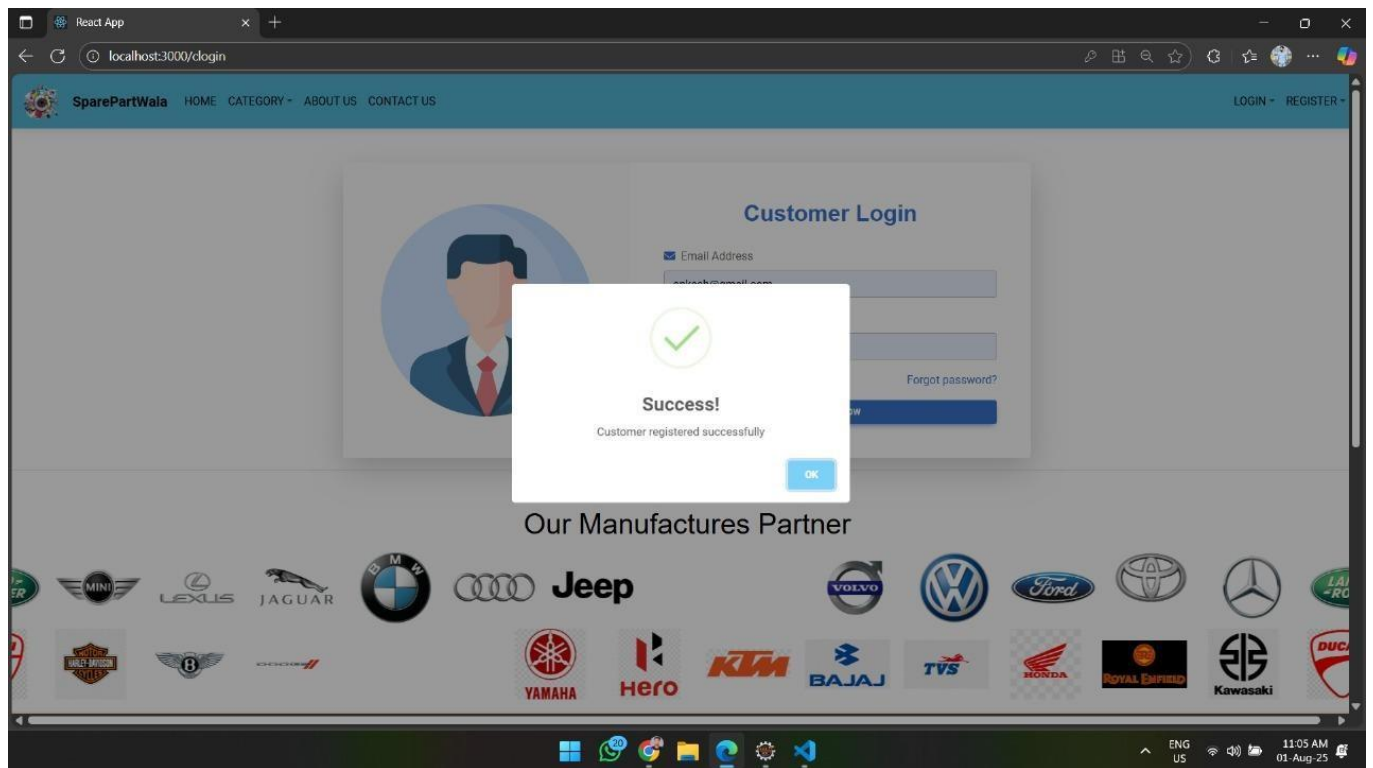
Below the form is a blue button labeled "REGISTER NOW". Below the form area, the text "Our Manufactures Partner" is displayed. The browser's taskbar at the bottom shows the Windows logo, several application icons, and the system clock indicating 10:47 AM on 01-Aug-25.

2. Coustomer Login

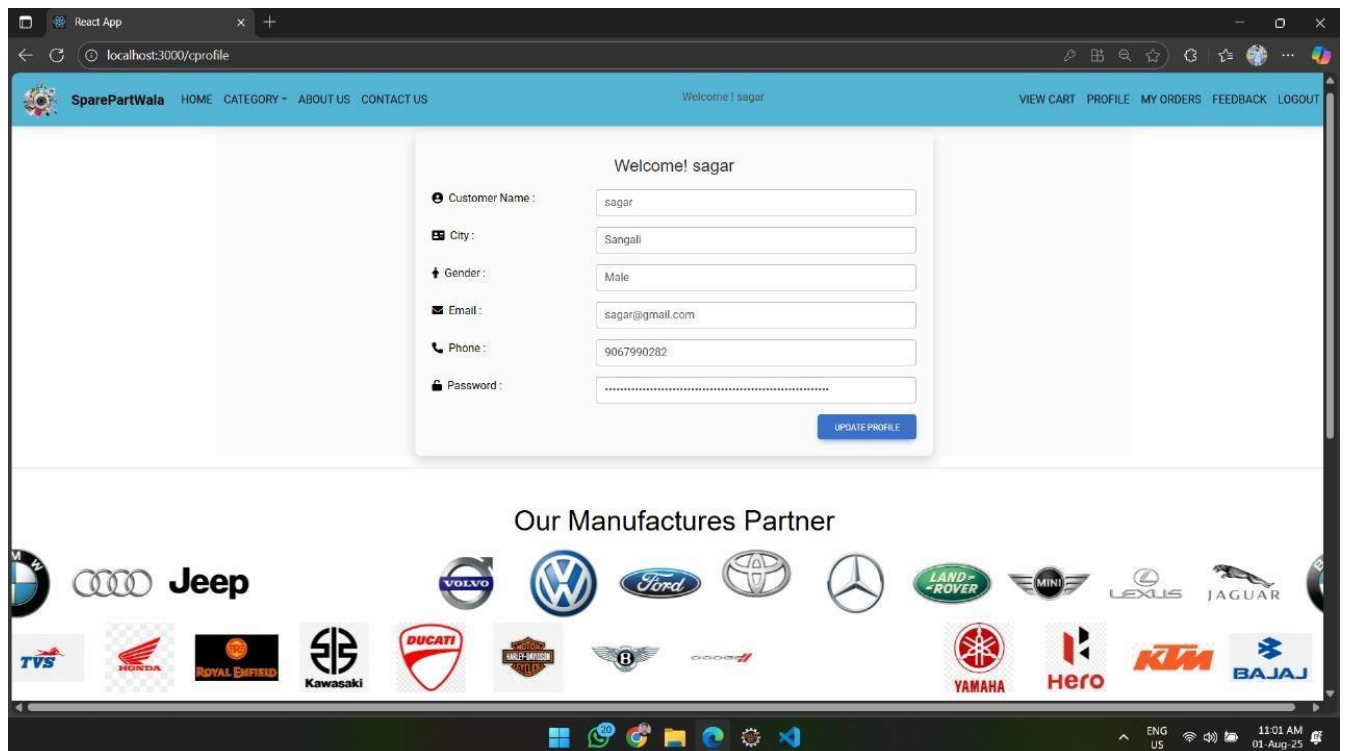
The screenshot shows a web browser window with the URL `localhost:3000/login`. The website header is identical to the registration page. On the right, a dropdown menu is open under the REGISTER link, showing options: Admin, Seller, and Customer. The main content area features a "Customer Login" form with a blue icon of a person in a suit. The form fields are as follows:

| Field | Value |
|---------------|------------------|
| Email Address | prasad@gmail.com |
| Password | ***** |

Below the password field is a link "Forgot password?". At the bottom of the form is a blue button labeled "LOGIN NOW". Below the form area, the text "Our Manufactures Partner" is displayed. At the bottom of the page, there is a row of car brand logos: Jeep, VOLVO, VW, Ford, Toyota, Mercedes-Benz, LAND-ROVER, MINI, LEXUS, JAGUAR, and BMW. The browser's taskbar at the bottom shows the Windows logo, several application icons, and the system clock indicating 10:56 AM on 01-Aug-25.





3. Coustomer Update profile



4. View Cart

The screenshot shows the 'View Cart' page of the SparePartWala application. The page has a blue header with the logo and navigation links. The main content area is divided into two columns. The left column contains a table of items in the cart, and the right column contains address and payment information.

| Productid | Product Name | Price | Qty | Amount | Action |
|--------------|--|----------|-----|----------|------------------------|
| 55 |  Ninja H2r Tyre | ₹ 126000 | 1 | ₹ 126000 | DELETE |
| 51 |  ninja z1000 silt | ₹ 58000 | 1 | ₹ 58000 | DELETE |
| Total Amount | | | | ₹ 126000 | |
| Total Amount | | | | ₹ 58000 | |

Address Information

City:
State:
Zip:
Country:

Payment Information

Card No:
Name on Card:
Expiry Date:
CVV:
Billed Amount:
Billed Amount:

[PLACE ORDER](#)



Our Manufactures Partner

4. My Purchase Orders


The screenshot shows the 'My Purchase Orders' page of the SparePartWala application. The page has a blue header with the logo and navigation links. The main content area is divided into two columns. The left column contains a table of purchased orders, and the right column contains order details.

| Id | Order Date | Amount | Action |
|----|------------------|----------|------------------------------|
| 1 | Mon, 28-Jul-2025 | ₹ 151000 | SHOW DETAILS |
| 2 | Mon, 28-Jul-2025 | ₹ 151000 | SHOW DETAILS |
| 3 | Mon, 28-Jul-2025 | ₹ 151000 | SHOW DETAILS |
| 4 | Mon, 28-Jul-2025 | ₹ 151000 | SHOW DETAILS |
| 5 | Mon, 28-Jul-2025 | ₹ 151000 | SHOW DETAILS |
| 6 | Mon, 28-Jul-2025 | ₹ 151000 | SHOW DETAILS |
| 7 | Mon, 28-Jul-2025 | ₹ 151000 | SHOW DETAILS |
| 8 | Mon, 28-Jul-2025 | ₹ 16500 | SHOW DETAILS |
| 9 | Mon, 28-Jul-2025 | ₹ 160000 | SHOW DETAILS |
| 10 | Mon, 28-Jul-2025 | ₹ 209000 | SHOW DETAILS |
| 11 | Fri, 01-Aug-2025 | ₹ 184000 | SHOW DETAILS |

Order Details

| Id | Product | Price | Qty |
|----|--|--------|-----|
| 55 |  Ninja H2r Tyre Category: Bike Wheels & Tyres Brand: Kawasaki | 129000 | 1 |
| 51 |  ninja z1000 silt Category: Bike Seats Brand: Kawasaki | 58000 | 1 |

Our Manufactures Partner



5.Feedback paage

The screenshot shows the 'Feedback' page of the SparePartWala application. The page has a blue header with the logo and navigation links: HOME, CATEGORY, ABOUT US, CONTACT US. The user is logged in as 'sagar'. The main content area contains a feedback form with the following fields:

- Name: sagar
- Email: sagar@gmail.com
- Rating in 1 to 5: 5
- Message: nice service and product are saffy delivered

A 'SUBMIT' button is located at the bottom right of the form. Below the form, there is a section titled 'Our Manufactures Partner' displaying a horizontal scroll of various car brand logos including Volvo, VW, Ford, Toyota, Mercedes, Land Rover, Mini, Lexus, Jaguar, BMW, Audi, Jeep, BAJAJ, TVS, Honda, Royal Enfield, Kawasaki, Ducati, Harley-Davidson, Yamaha, and Hero. The bottom of the page features a navigation bar with icons for a clock, a calendar, and a shopping cart.

Seller

1.Seller Registration Form

The screenshot shows the 'Seller Registration Form' page of the SparePartWala application. The page has a blue header with the logo and navigation links: HOME, CATEGORY, ABOUT US, CONTACT US. The user is logged in as 'sagar'. The main content area contains a registration form with the following fields:

- Seller Name: Prasad Ravindra Patil
- City: Pune
- Email: prasad@gmail.com
- Phone: 9604126194
- Password: [masked]
- Confirm Password: [masked]

A 'REGISTER NOW' button is located at the bottom of the form. To the left of the form, there is an illustration of a document with a checkmark and a red pencil. Below the form, there is a section titled 'Our Manufactures Partner' displaying a horizontal scroll of various car brand logos including Land Rover, Mini, Lexus, Jaguar, BMW, Audi, Jeep, Volvo, VW, Ford, and Toyota. The bottom of the page features a navigation bar with icons for a clock, a calendar, and a shopping cart.

2. Seller Login Form

The screenshot shows the 'Seller Login' form on the SparePartWala website. The browser address bar shows 'localhost:3000/login'. The website header includes the SparePartWala logo, navigation links (HOME, CATEGORY, ABOUT US, CONTACT US), and user links (LOGIN, REGISTER). The login form is centered and features an illustration of a mechanic on the left. The form fields are: 'Email Address' with the value 'prasad@gmail.com' and 'Password' with masked characters. A 'Forgot password?' link is located below the password field. A blue 'LOGIN NOW' button is at the bottom of the form. Below the login form, a section titled 'Our Manufactures Partner' displays a horizontal row of car brand logos: Ford, Toyota, Mercedes-Benz, Land Rover, MINI, Lexus, Jaguar, BMW, Audi, Jeep, Volvo, and Volkswagen.

The screenshot shows the 'Seller Profile' page on the SparePartWala website. The browser address bar shows 'localhost:3000/profile'. The website header includes the SparePartWala logo, navigation links, a welcome message 'Welcome ! Prasad Ravindra Patil', and user links (PROFILE, ADD CATEGORY, ADD PRODUCT, PRODUCTS, LOGOUT). The profile form is partially visible, showing fields for Seller Name, City, Email, Phone, and Password. A white modal box with a green checkmark and the text 'Success! Logged in successfully' is overlaid on the form. An 'OK' button is at the bottom right of the modal. Below the profile form, a section titled 'Our Manufactures Partner' displays a horizontal row of car brand logos: Jaguar, BMW, Audi, Jeep, Volvo, Volkswagen, Ford, Toyota, Mercedes-Benz, Land Rover, MINI, Lexus, and Jaguar.

3. Seller Profile

React App

localhost:3000/profile

SparePartWala HOME CATEGORY - ABOUT US CONTACT US Welcome ! Prasad Ravindra Patil PROFILE ADD CATEGORY ADD PRODUCT PRODUCTS LOGOUT

SELLER PROFILE

Welcome Prasad Ravindra Patil

Seller Name

City

Email

Phone

Password

UPDATE PROFILE

Our Manufactures Partner

MINI LEXUS JAGUAR BMW Audi Jeep VOLVO VW Ford Toyota Mercedes-Benz LAND-ROVER

ENG US 10:59 AM 01-Aug-25

4. Add Category

React App

localhost:3000/addcategory

SparePartWala HOME CATEGORY - ABOUT US CONTACT US Welcome ! Prasad Ravindra Patil PROFILE ADD CATEGORY ADD PRODUCT PRODUCTS LOGOUT

ADD CATEGORY

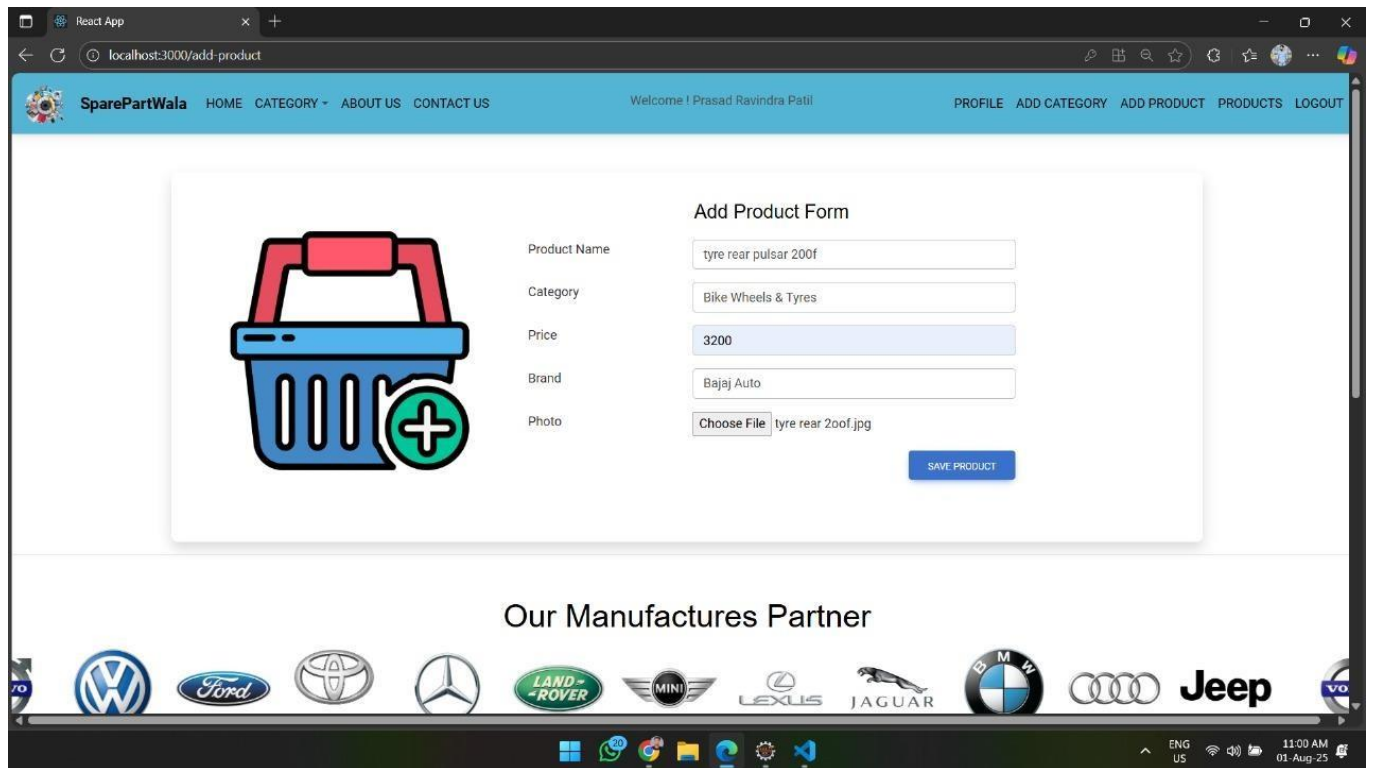
ADD

Our Manufactures Partner

VW Ford Toyota Mercedes-Benz LAND-ROVER MINI LEXUS JAGUAR BMW Audi Jeep VOLVO Yamaha Hero KTM BAJAJ TVS HONDA ROYAL ENFIELD Kawasaki DUCATI Harley-Davidson

ENG US 10:59 AM 01-Aug-25

5. Add Product Form



React App

localhost:3000/add-product

SparePartWala HOME CATEGORY - ABOUT US CONTACT US Welcome ! Prasad Ravindra Patil PROFILE ADD CATEGORY ADD PRODUCT PRODUCTS LOGOUT

Add Product Form

Product Name: tyre rear pulsar 200f

Category: Bike Wheels & Tyres

Price: 3200

Brand: Bajaj Auto

Photo: Choose File tyre rear 200f.jpg

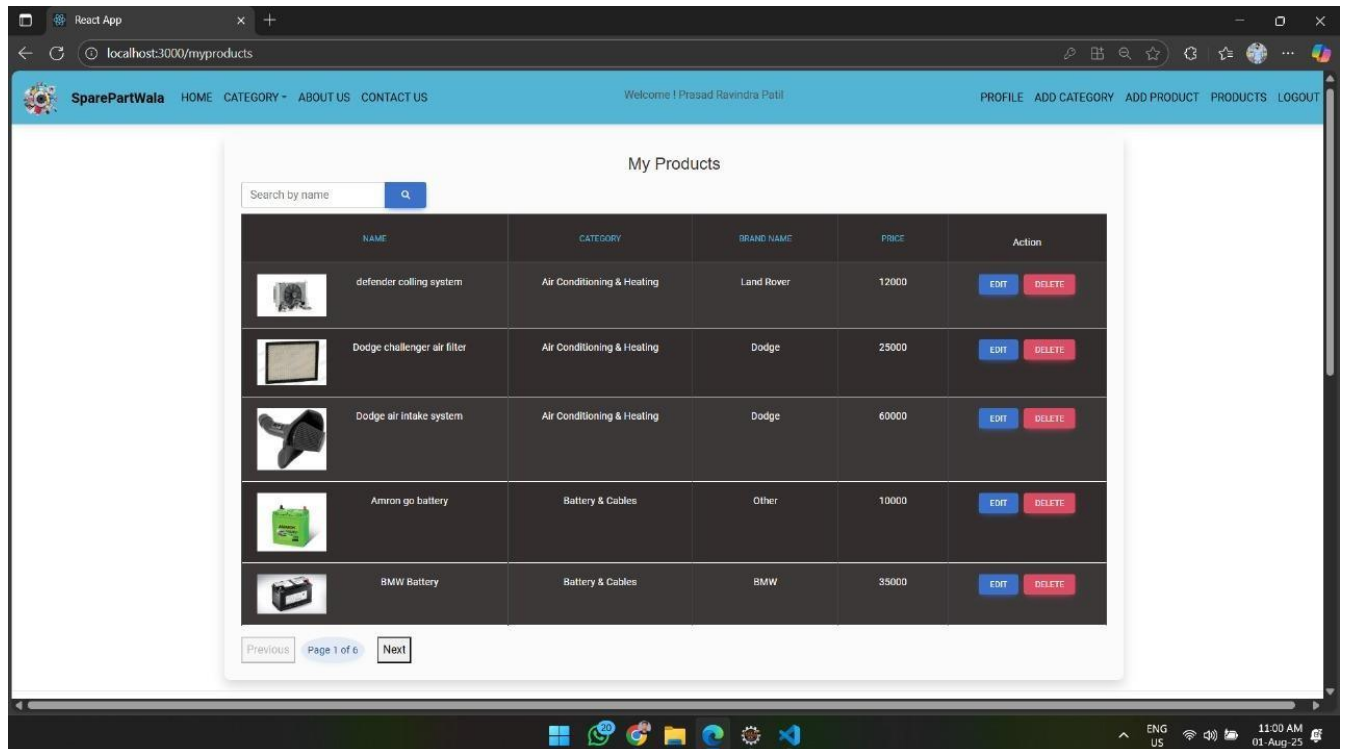
SAVE PRODUCT

Our Manufactures Partner

VW Ford Toyota Mercedes-Benz LAND-ROVER MINI LEXUS JAGUAR BMW Audi Jeep

ENG US 11:00 AM 01-Aug-25

6. My Products








React App

localhost:3000/myproducts

SparePartWala HOME CATEGORY - ABOUT US CONTACT US Welcome ! Prasad Ravindra Patil PROFILE ADD CATEGORY ADD PRODUCT PRODUCTS LOGOUT

My Products

Search by name

| NAME | CATEGORY | BRAND NAME | PRICE | Action |
|---|----------------------------|------------|-------|---|
|  defender colling system | Air Conditioning & Heating | Land Rover | 12000 | EDIT DELETE |
|  Dodge challenger air filter | Air Conditioning & Heating | Dodge | 25000 | EDIT DELETE |
|  Dodge air Intake system | Air Conditioning & Heating | Dodge | 60000 | EDIT DELETE |
|  Amron go battery | Battery & Cables | Other | 10000 | EDIT DELETE |
|  BMW Battery | Battery & Cables | BMW | 35000 | EDIT DELETE |

Previous Page 1 of 6 Next

ENG US 11:00 AM 01-Aug-25

10. References

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