



AN-NAJAH NATIONAL UNIVERSITY  
FACULTY OF ENGINEERING AND INFORMATION  
TECHNOLOGY  
COMPUTER ENGINEERING DEPARTMENT

# Sayyarati

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the Bachelor degree in Computer Engineering*

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# Acknowledgment

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# Dedication

This project is dedicated to the Martyrs of Gaza and the West Bank whose memories and indomitable spirit are a source of strength and endurance. This is dedicated to my family for being there and believing in me. This work serves as a small effort towards much bigger battles and is done wholeheartedly with admiration and appreciation.

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# Disclaimer

This report was prepared by Mohammad Abed Alhaq and Ahmad Saad, both affiliated with the Computer Engineering Department within the Faculty of Engineering at An-Najah National University. It has not been modified or revised beyond editorial adjustments required for assessment, and it may include errors in language and content.

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# Abstract

This project outlines the development of a mobile and web application, designed to enhance the experience of car owners by providing easy access to essential car services and accessories. The app addresses the challenges faced by users in finding fixes and locating nearby car shops for parts, repairs, and maintenance, offering a streamlined and user-friendly interface for accessing these services with ease.

A key feature of the app is its map-based system that allows users to search for auto parts, repair shops, and essential services like towing, battery replacement, fuel refilling, and tire repair. It also features a mobile car wash service, enabling users to schedule at-home vehicle cleaning.

Users can easily search based on location and access a range of services from nearby providers.

The app also includes a booking system, enabling users to schedule appointments directly with shops for services like tire changes, repairs, or car paint jobs.

The notification system is a vital component, delivering real-time alerts to users regarding important updates, such as service status changes, appointment reminders, and alerts for new part arrivals at shops.

Additionally, the app includes a real-time messaging system, allowing users to communicate directly with shop owners or service providers.

Furthermore, the app features a user feedback system, allowing customers to rate shops and provide reviews, which helps future customers make informed decisions.

In conclusion, the app integrates modern technology, including real-time location services, secure booking and payment options, a comprehensive notification system, and admin dashboards to provide an all-in-one solution for car owners. It simplifies the process of finding car accessories and services while giving service providers and admins the tools to manage their operations effectively.

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# 1 Introduction

In an era where vehicle-related emergencies and maintenance services demand efficiency and reliability, Sayyarati emerges as a comprehensive web and mobile platform designed to streamline car services on demand. Leveraging modern technologies such as Flutter, Node.js, and MySQL, Sayyarati bridges the gap between car owners and service providers, offering a seamless experience for accessing essential automotive services.

The primary goal of Sayyarati is to create an integrated system that connects car owners with trusted service providers for a wide range of services, including fuel refilling, battery replacement, tire repair, towing, light mechanical repairs, mobile car wash, and even car rental or spare parts sales. Companies and workshops can register on the platform, list their services, and manage requests efficiently. The system also introduces a real-time chat and notification system, allowing direct communication between users and service providers. To enhance convenience, a cart system is implemented for spare parts purchases, enabling users to review their selections before checkout.

One of the most innovative aspects of Sayyarati is its location-based services, utilizing GOOGLE Maps API to help users find nearby workshops, fuel stations, and other automotive service providers. The platform ensures transparency by allowing customers to rate and review services, helping maintain service quality and trust. Additionally, the system supports a dynamic request assignment, where companies can manage their workforce by assigning the right personnel to handle incoming service requests.

By reducing response times and improving accessibility to crucial vehicle services, Sayyarati not only enhances convenience for car owners but also empowers service providers by expanding their reach. This platform is particularly beneficial in areas where finding reliable car services is challenging, ensuring that drivers can receive immediate assistance whenever and wherever needed. Through its user-friendly interface, real-time service tracking, and various payment methods, Sayyarati is set to revolutionize the way vehicle maintenance and emergency services operate.

The project structure begins with an introduction, addressing the challenges faced in the automotive service industry, followed by an analysis of existing solutions and their limitations. The literature review explores research and technological advancements that influenced the development of Sayyarati. The methodology details the system architecture, software development process, and technologies used, leading to results and analysis, where the platform's efficiency, usability, and impact are evaluated. Finally, the project concludes with a discussion of future enhancements, including potential AI-driven predictive maintenance and expanded service coverage.

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## 2 Constraints Earlier Coursework

### 2.1 Limitations and Constraints

#### 2.1.1 Time

Managing time during the development of Sayyarati was challenging due to the project's wide scope and complex features. Each element, from real-time service requests to chat systems and payments, required careful planning. To tackle this, we prioritized key functionalities and focused on building a scalable system for future improvements. Despite tight deadlines, we maintained high standards by testing rigorously and optimizing our workflow to ensure the platform was both reliable and efficient.

### 2.2 Limited Resource

Indeed, workshop owners and service providers both being busy and failing to communicate due to many reasons did not allow us to complete the analysis of our project in several areas. Furthermore, the constraints of time and availability hindered us from gathering sufficient feedback and real-world data to refine certain features of the platform. As a result, some aspects of the project, particularly those requiring direct input from users and service providers, such as the efficiency of the chat system and the smooth integration of notifications, remain underdeveloped. Additionally, the lack of hands-on access to various car service scenarios made it challenging to fully assess the accuracy of service delivery times and the effectiveness of our logistics integration with GOOGLE Map. These limitations impacted our ability to perform comprehensive testing, ultimately delaying the final phase of the development and resulting in certain assumptions being made without sufficient validation from stakeholders.

### 2.3 Earlier Coursework

University courses have significantly contributed to various aspects of the learning process, providing a strong foundation essential for building Sayyarati. The technical specialization gained in engineering projects, website design, and database management has proven invaluable. These courses offered a comprehensive understanding of user interface development and system design, which were crucial for mastering technologies such as Flutter. Furthermore, the focus on both frontend and backend development has provided me with the necessary skills to tackle the full-stack development of the Sayyarati platform. Our studies have equipped us with the expertise to address the diverse requirements of our project, enabling us to meet the challenges of building a robust, scalable solution.

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## 3 Literature Review

Integrating technology into the automotive service industry has led to innovative solutions that address long-standing challenges, such as service accessibility, delivery logistics, and quality control. The advent of on-demand platforms has revolutionized the way customers access services like tire repairs, fuel refilling, and mobile car washes. Existing platforms like Uber and Turo have reshaped the transportation and vehicle rental market by offering real-time access to services. According to a study by Smith et al. (2019), these platforms have significantly improved customer convenience by leveraging mobile technology and GPS tracking. However, challenges remain in ensuring consistent service quality and maintaining transparency across multiple service providers. For example, the logistical complexity of coordinating delivery and pickup services, especially in rural areas, can hinder the efficiency of these platforms. In addressing these issues, the Sayyarati project builds upon the successes of existing models by integrating advanced technologies like GOOGLE Maps API for location-based services, and user-centric mobile apps. The platform aims to provide an efficient, trustworthy, and scalable solution to on-demand automotive services, ensuring that both customers and service providers can engage seamlessly. Additionally, leveraging MYSQL for database management ensures smooth handling of service bookings, transactions, and user feedback. The inclusion of rating systems and real-time communication tools enhances trust and accountability, aligning with findings by Lee et al. (2018) on the importance of transparency in service-based industries. Sayyarati further innovates by addressing the logistical challenges of service delivery and integrating new features to improve user satisfaction. The project aims to offer a modern, efficient solution to on-demand automotive services, making it a valuable addition to the current market landscape.

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# 4 Methodology

## 4.1 Development Tools and Technologies

### 4.1.1 Tools

- Visual Studio Code: Used as the Back-end and Front-end development, providing an integrated environment for code editing and project management.
- Postman: Used as an API interface tool, enabling seamless execution of HTTP requests and response handling. It played a vital role in developing functionalities and systematically testing different variations.
- MySQL Workbench: Used as a visual database management tool, allowing developers to design, model, and manage MySQL databases efficiently.
- AZURE MySQL Hosting: Utilized as a cloud-based MySQL hosting solution, ensuring scalability, security, and efficient database management for web applications.
- Android Studio: Used as an emulator to test the mobile application on various virtual devices, ensuring compatibility and smooth functionality. It also served as the primary development environment for Android apps.
- GitHub: Utilized for version control and collaborative development, enabling file exchange, issue tracking, and efficient management of codebase changes across the team.

### 4.1.2 Technologies and Frameworks

- Firebase: Utilized for creating notifications and messages, including storing texts.
- MySQL: Used as a relational database system (RDS) to store, manage, and retrieve structured data efficiently. It played a crucial role in handling user data, transactions, and application logic while ensuring data integrity and security.
- Flutter: Employed as a cross-platform UI framework to build high-performance WEB, and mobile applications with a single codebase for Android and iOS.
- Node.js: Used as a server-side runtime environment for executing JavaScript code, enabling scalable and efficient backend development for web applications.
- Express.js: Utilized as a minimal and flexible Node.js framework for building APIs and web applications, providing routing, middleware, and request handling.

- **GOOGLE Maps API:** Integrated to provide location-based services, including geolocation, routing, and interactive map functionalities within the application.
- **Cloudinary:** Used for cloud-based media management, enabling seamless image and video storage, optimization, and delivery across different platforms.
- **Nodemailer:** Employed for sending automated emails via SMTP, OAuth, or other transport methods, ensuring reliable email notifications and user communication.
- **JWT(JSON Web Token):** Used for secure authentication and authorization, allowing the transmission of encoded user information between parties. It played a crucial role in implementing stateless authentication, enabling secure API access and user session management.

## 4.2 Mobile App System Features

The mobile application, ‘Sayyarti’, was developed to provide on-demand car services, connecting users with service providers for fuel refilling, battery replacement, tire repair, towing, and more. It ensures seamless interaction between customers and companies, enhancing service efficiency and accessibility.

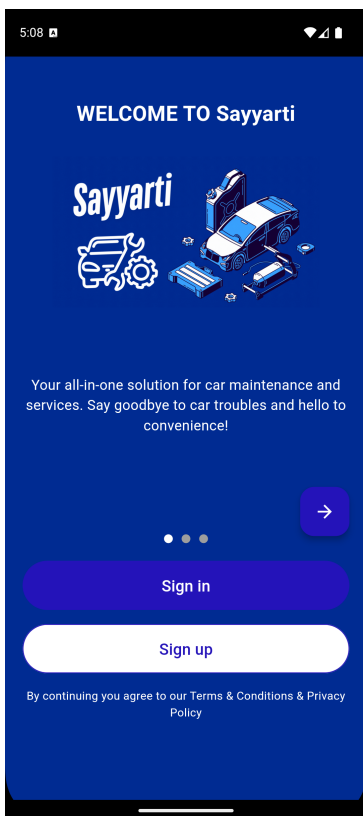


Figure 4.1: A

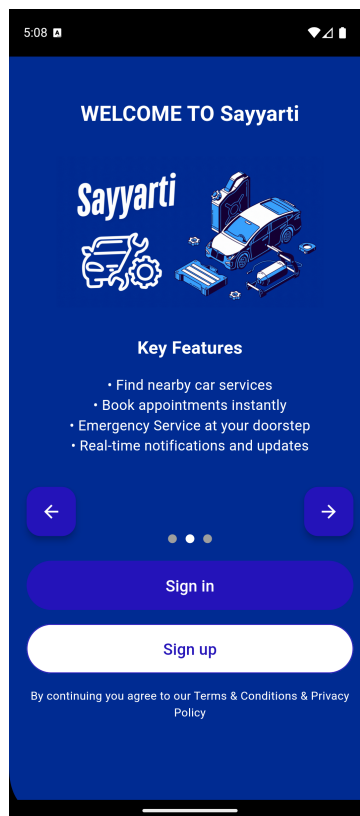


Figure 4.2: B

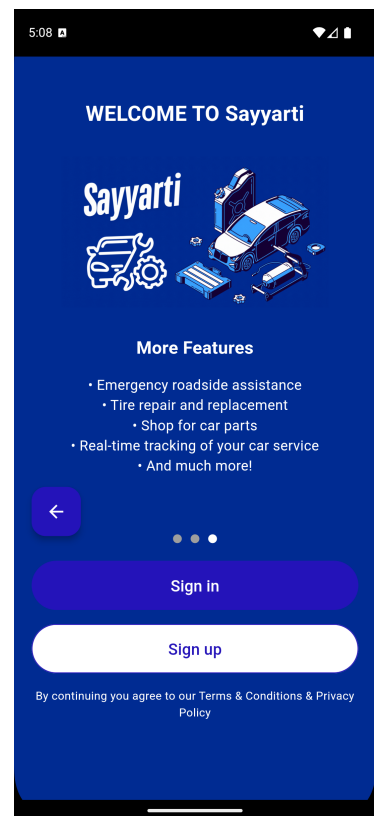


Figure 4.3: C

Figure 4.4: Welcome Screen

In the welcome screen, there is a brief introduction of the application as a one-stop solution for all car chores, which offers ease of use. The animated image gives a bird’s

eye view to accompany the process of completing the core and additional functionalities with the help of an interactive depiction. Users could also sign up and sign in from the welcome screen.

## 4.2.1 Sign-Up

The sign-up screen for the application allows users to enter their email, username, and password.

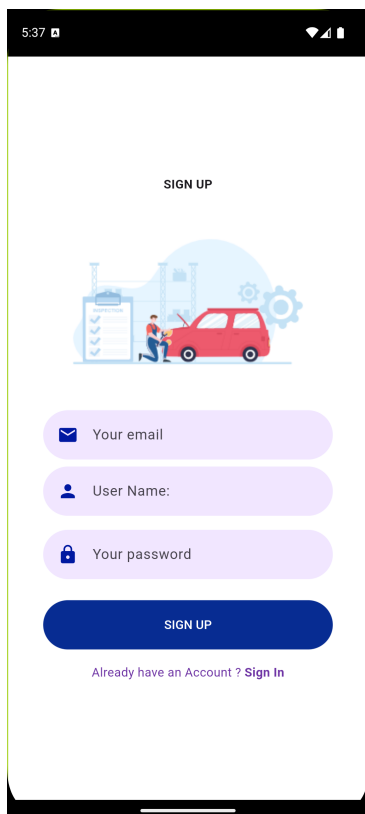


Figure 4.5: Sign-up

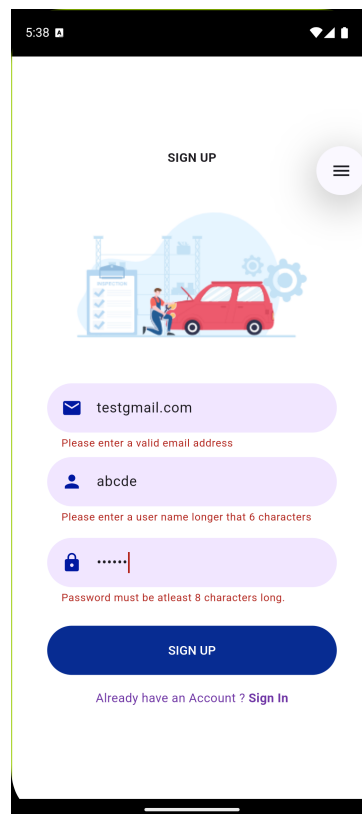


Figure 4.6: Sign-up validation

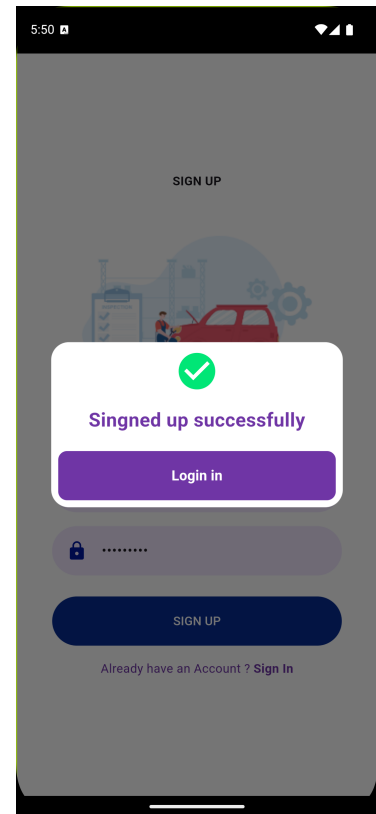


Figure 4.7: successful sign-up

To register in the app, the email must include '@' and '.' after the '@'. Likewise, the user name should be at least 6 characters long, and the password should be at least 8 characters long. If these conditions are not fulfilled, an alert will appear to the user, as shown in Figure 4.6

## 4.2.2 Login

The login process is tailored for users with existing accounts, providing secure access using the credentials set during registration.

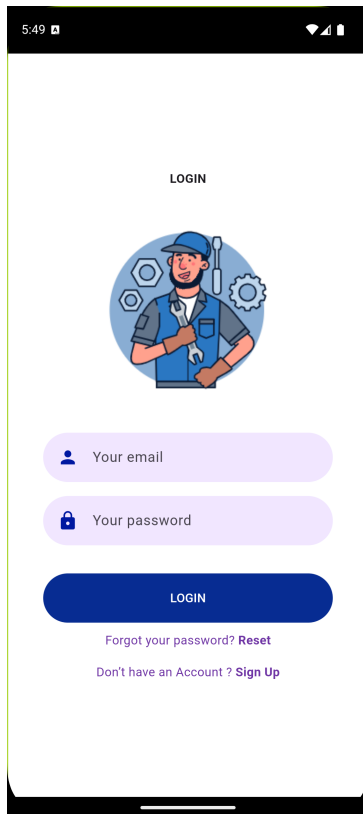


Figure 4.8: Login

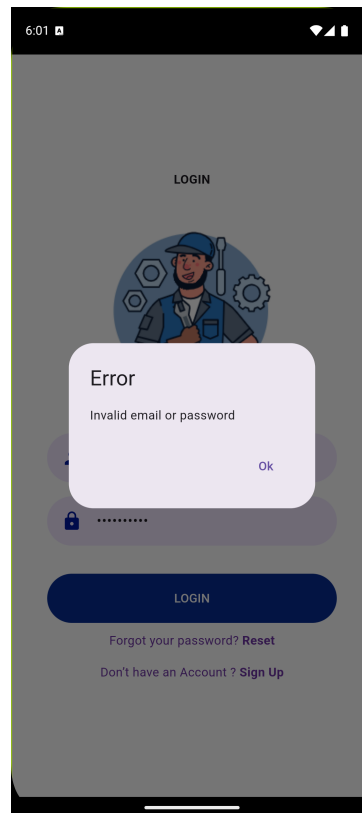


Figure 4.9: Wrong credentials

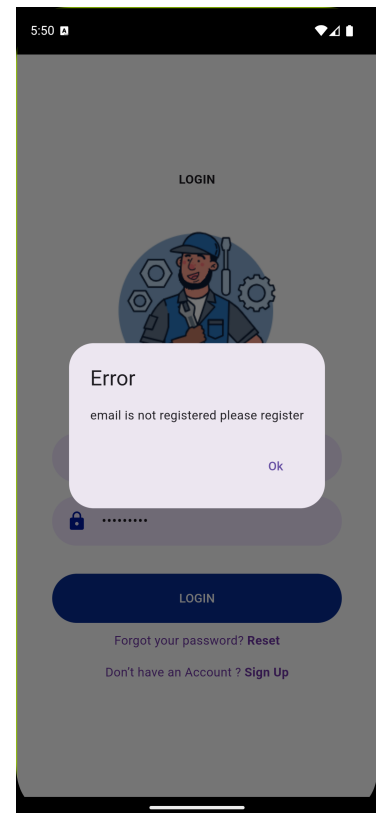


Figure 4.10: email not registered

In Figure 4.9, if the password entered is incorrect, the login attempt will fail, and in Figure 4.10 if the entered email is not registered also the login attempt will fail, the error pop-up displays the reason for the failed login attempt.

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### 4.2.3 Profile details

For the regular user (client), the profile can be edited as the client can add a phone number since the registration process does not have the phone number field, and it can be edited anytime, likewise, the user name and email can be changed. The company admin, profile can be edited as the company's admin can change the company name, address, contact information, and email of the company. The service provider, as same as the client, the profile can be edited as the service provider can edit the user name, email, and contact information.

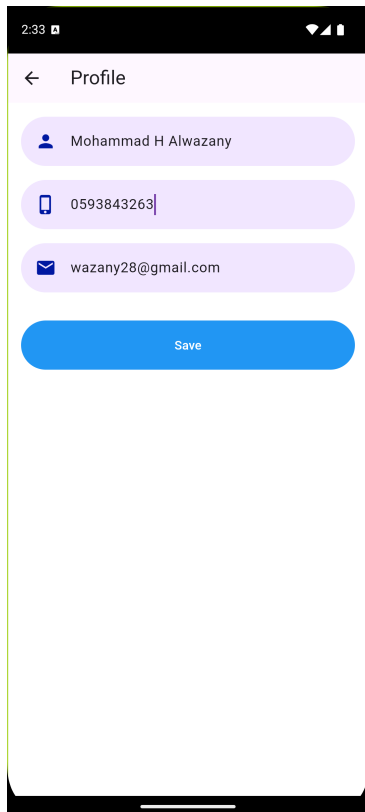


Figure 4.11: client edit profile

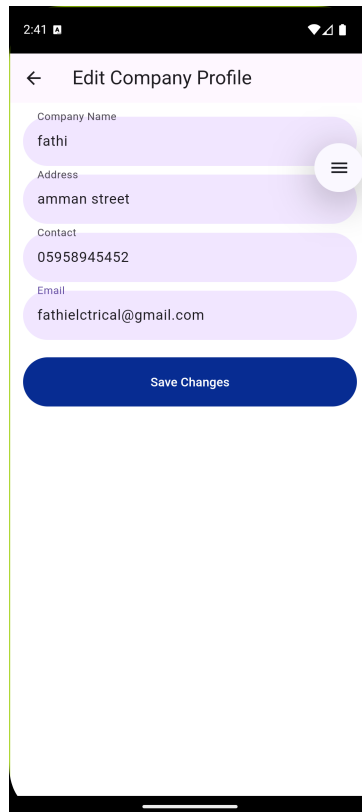


Figure 4.12: company edit profile

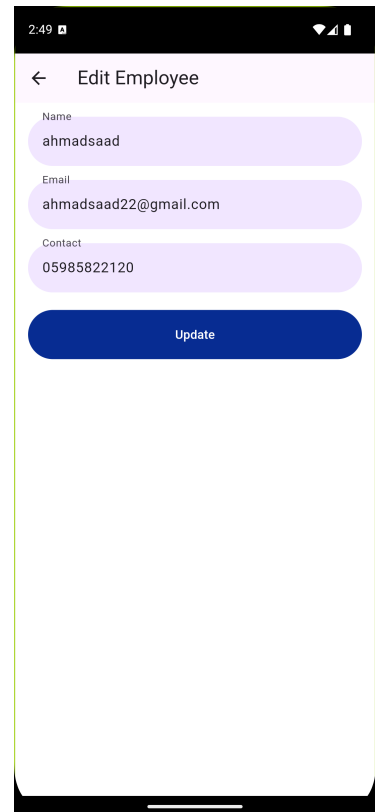


Figure 4.13: service provider edit profile

# 5 System User Roles

## 5.1 Client side

In the client home screen, the client will start on the app by seeing the ads screen and the services the application offers for the client, by scrolling down the car parts shop and the offers section will be introduced to the client, from the home screen the client can chat with the Sayyarti AI assistant if the client has any question or wants a recommendation for the problem of his car the AI assistant will give some suggestion and recommendation for the problem, if the message sent to the AI assistant is not car-related the AI assistant will respond with a natural message that describes the job of the assistant, as shown in Figure 5.3 and Figure 5.4.

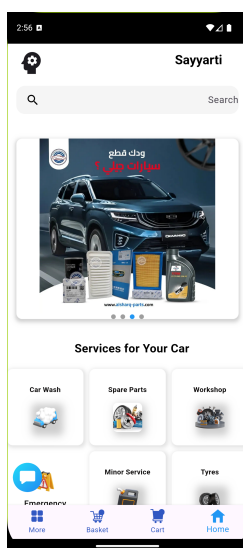


Figure 5.1: client Home Screen

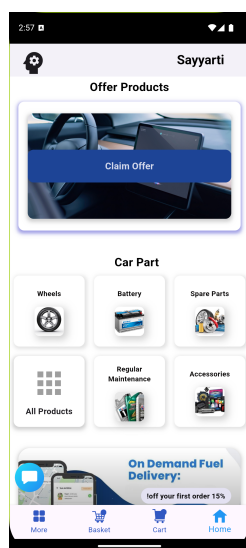


Figure 5.2: client Home Screen2

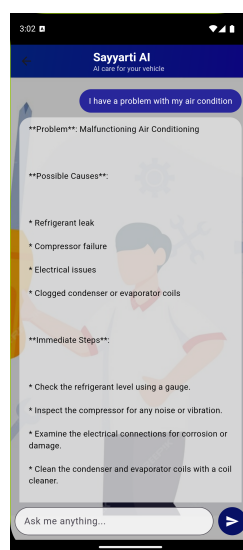


Figure 5.3: Sayyarti AI assistant

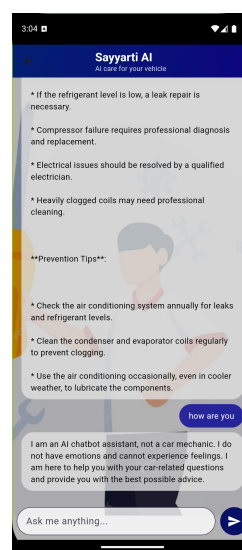


Figure 5.4: sayyarti AI assistant2

### 5.1.1 Services

In the services section, the client can choose the service needed for his car, in the workshop section the client can choose one of three mechanics, electrical, or denting. When choosing the type of workshop, a list of workshops will appear with its name, rating, and location, by tapping one of the workshops the location, contact information, services offered, specialized car brands, and reviews of the workshop will be listed in front of the

client; the client can either book an appointment or send a message to the workshop. Emergency Services feature to assist drivers in urgent roadside situations. This service ensures users can quickly request help for issues such as vehicle breakdowns, flat tires, dead batteries, and fuel shortages. When a user requests emergency assistance, the system automatically identifies and notifies the nearest available service provider, ensuring a fast response time. The built-in chat system and notifications enable seamless communication between users and service providers, improving coordination. To ensure reliability, Sayyarati employs a verification system for service providers, ensuring trusted professionals handle requests. By leveraging location-based technology and a user-friendly interface, the emergency services feature significantly enhances road safety and driver convenience. Additionally, after receiving assistance, users can rate and review service providers, fostering trust and quality assurance. This feature not only enhances the user experience but also reinforces Sayyarati's commitment to providing efficient and accessible vehicle assistance, making it an essential component of the platform. The rest of the services will navigate the user directly to the list of the works shops specialized with that service type such as tyers, car wash,...etc.

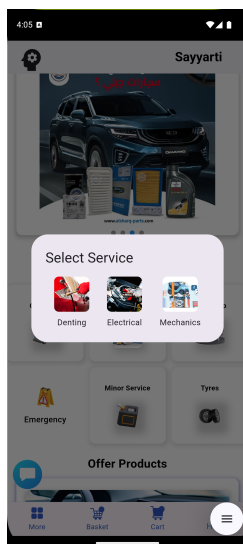


Figure 5.5: work shops

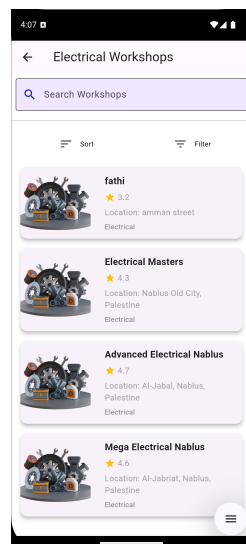


Figure 5.6: list of work shops

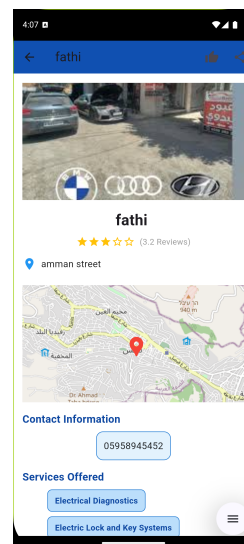


Figure 5.7: work shop details

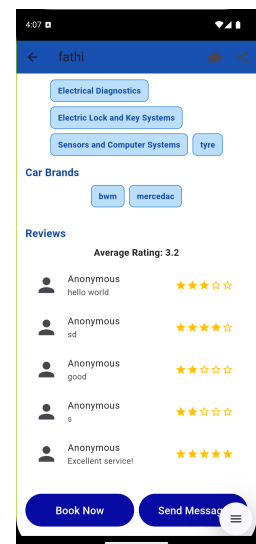


Figure 5.8: work shop details2

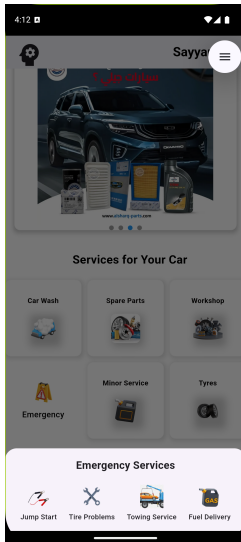


Figure 5.9: Emergency services

### 5.1.2 Parts shop

In the parts shop section the user can choose the category which will navigate him to the shop screen where each part will be displayed with its image, and price, by tapping on a product the user will see the image, unit price, and description of the product, when the user enters the quantity and tapping on add to cart the product will be added to the cart.

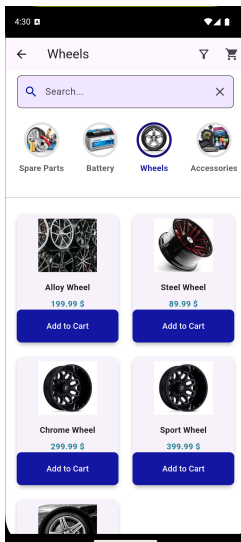


Figure 5.10: shop screen

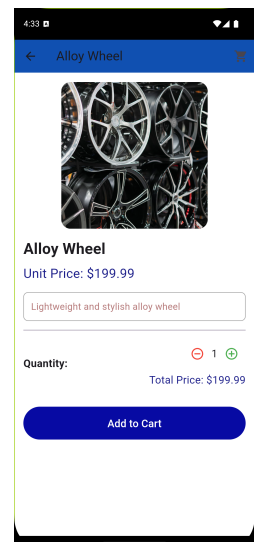


Figure 5.11: product screen

### 5.1.3 Snackbar

At the bottom of the screen, the client has four options to choose from more, basket, cart, and home, every one of them has its own functionality.

#### 5.1.3.1 More

When tapping the more icon from the snack bar it navigates the client to a new screen Figure 5.12 has multiple options my profile option which was mentioned earlier, address, my cars, logout, and delete. The address option navigates to the addresses page which displays the client addresses that were entered earlier, and a plus sign to add a new location, by hitting the plus sign the maps page will open with two options get the current location and choose a location on the map, after the location is set to the desired address and hitting the add location button the location will be saved as a new address and will be added to the list of addresses.

The second option is my cars which is almost the same as the address, this option opens my cars screen which has all the cars the client has added, to add a new car to the list there are two ways either from the plus sign or from the button in the bottom of the screen, then the user should fill the form with the car details to add it to the list.

Unverified users have the option to verify their account when tapping "verify your account", the verification screen appears with two options upload image, and take a picture, to verify the account the user should upload either the car registration or the insurance, by hitting the verify button the admin will either accept or deny the verification claim.

The remaining two options are "logout", and "delete account", one of them signs out the client and the other deletes the account of the client.

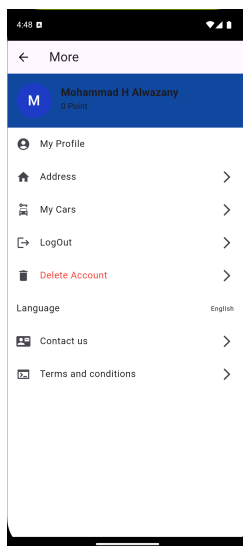


Figure 5.12: more screen

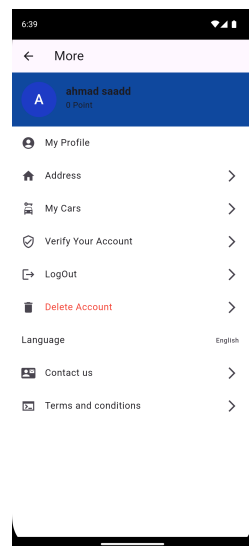


Figure 5.13: more screen unverified

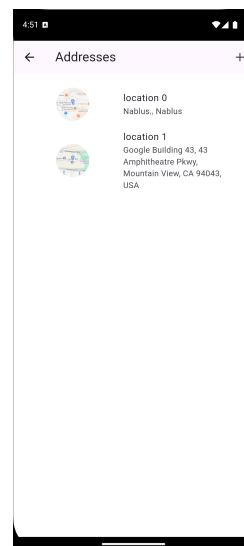


Figure 5.14: addresses screen

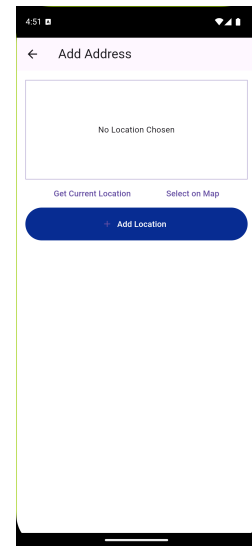


Figure 5.15: maps screen

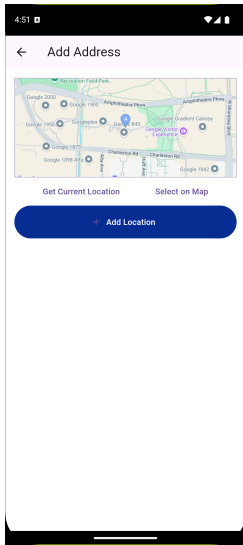


Figure 5.16: get current location

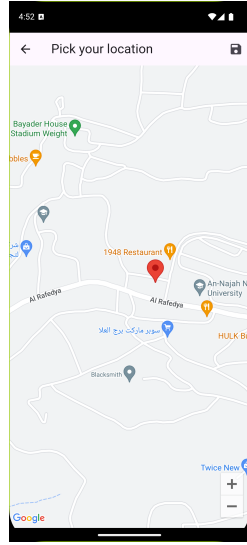


Figure 5.17: pick on map

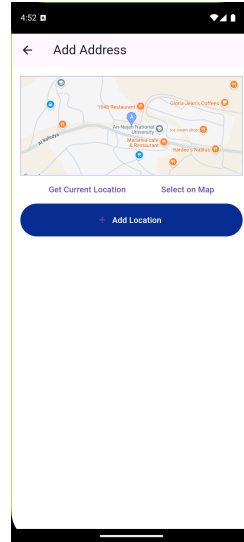


Figure 5.18: after picking on the map



Figure 5.19: my cars

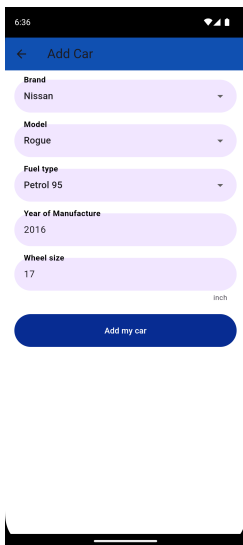


Figure 5.20: add car

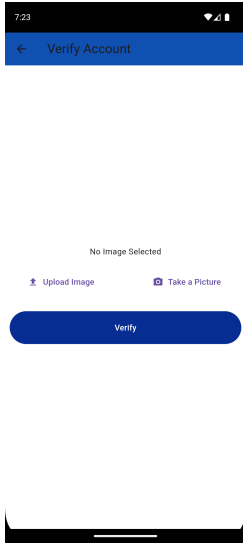


Figure 5.21: verification

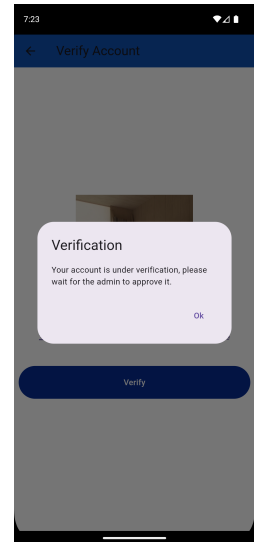


Figure 5.22: verification under process

### 5.1.3.2 basket

When tapping the basket icon from the snack bar then it navigates to the orders page which contains the services ordered and the offers claimed.

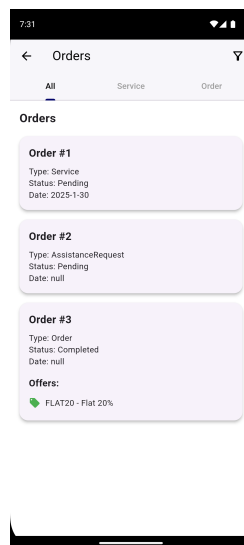


Figure 5.23: basket

### 5.1.3.3 cart

Tapping on the cart will open a page with all the products the client added to the cart, by sliding the product from right to left it will be removed from the cart, if the client is satisfied with his order and wants to proceed to check out the checkout button

will navigate to the place order page where the client should fill the shipping address information and the payment method, by tapping place order button the order is sent and will be ready for shipping.

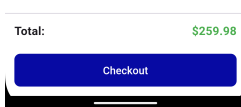
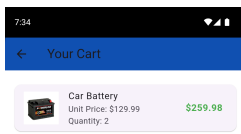


Figure 5.24: cart

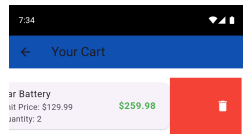


Figure 5.25: remove from cart

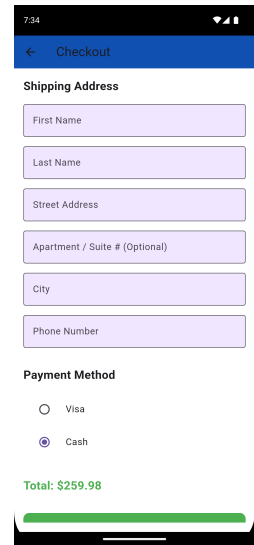


Figure 5.26: checkout

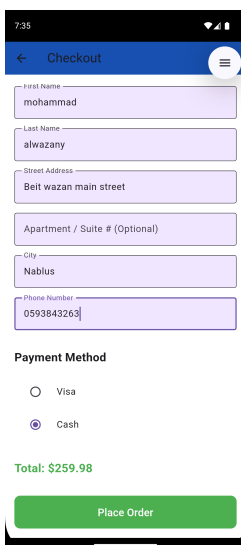


Figure 5.27: place order

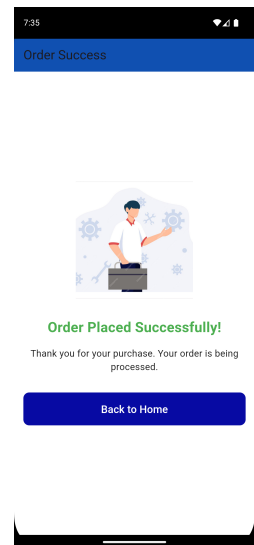


Figure 5.28: order placed

## 5.2 System Admin

When logged in as system admin, the admin dashboard will be the home screen, the dashboard will show charts, which will give the admin an overview of the clients, service providers(employees), the revenue from the companies, orders statistics, and the review

statistics, the same data can be numeric and displayed in a table if the admin tap the table icon in the top left corner.

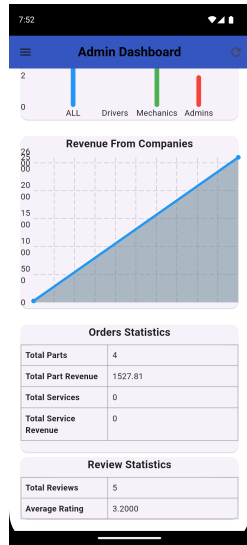
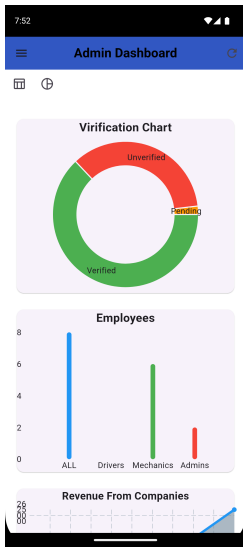


Figure 5.31: Admin Tables

User data	
Total Users	54
Verified Users	34
Unverified Users	19
Pending Users	1
Company data	
Total Companies	26
Yearly Subscriptions	2600
Employee data	
Total Employees	8
Drivers	0
Mechanics	6
Admins	2
Order data	
Total Parts	4
Total Part Revenue	1527.81
Total Services	0
Total Service Revenue	0
Review data	
Total Reviews	5
Average Rating	3.2000

Figure 5.32: Admin Tables2

User data	
Total Users	54
Verified Users	34
Unverified Users	19
Pending Users	1
Company data	
Total Companies	26
Yearly Subscriptions	2600
Employee data	
Total Employees	8
Drivers	0
Mechanics	6
Admins	2
Order data	
Total Parts	4
Total Part Revenue	1527.81
Total Services	0
Total Service Revenue	0
Review data	
Total Reviews	5
Average Rating	3.2000

Figure 5.29: admin dashboard

Figure 5.30: dash-board2

Figure 5.31: Admin Tables

Figure 5.32: Admin Tables2

By opening the drawer the admin actions list appears, the admin can add a company, create a company admin, add a product, and verify users who applied for verification.

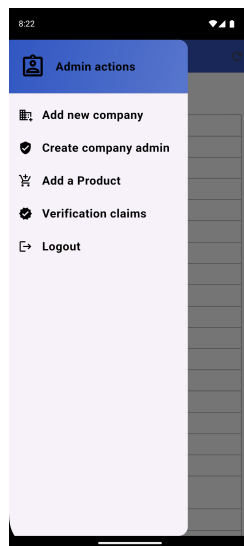


Figure 5.33: Admin drawer

### 5.2.0.1 Add new company

Tapping on "Add new company" will open a screen with a form for adding the company, the admin needs to enter the company name, email, and in which governorate the

company is located.

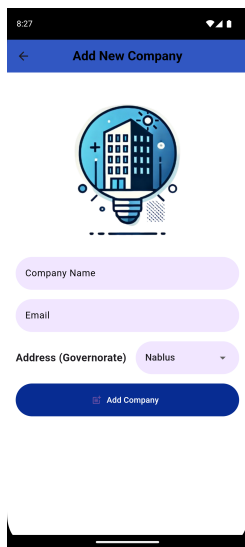


Figure 5.34: add company form



Figure 5.35: add company form

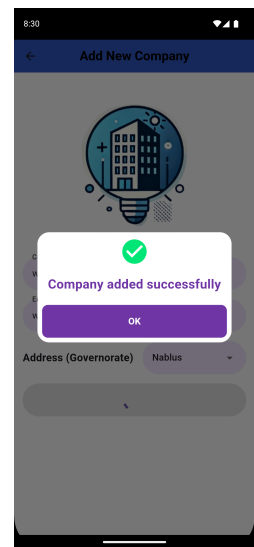


Figure 5.36: company added

### 5.2.0.2 Create Company Admin

Tapping on "Create company admin" will open a screen with a form for creating an admin for a company, this form will create a new user with his role set to company admin, and assigned to a specific company(workshop) as its admin, to select the company the admin will be assigned to, all the companies that are registered in the system will appear in the dropdown list with a search bar to make the search of a specific company easier.

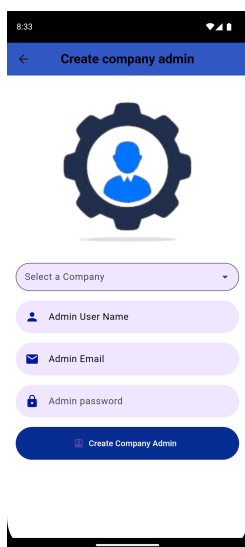


Figure 5.37: add company admin

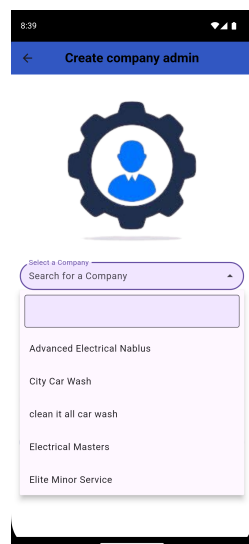


Figure 5.38: companies dropdown

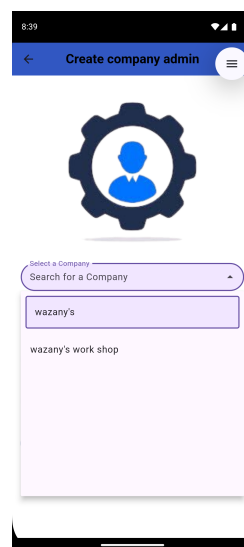


Figure 5.39: search dropdown

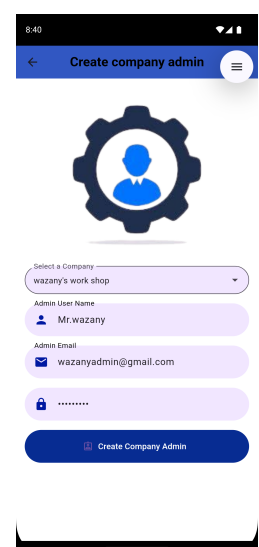


Figure 5.40: filled form

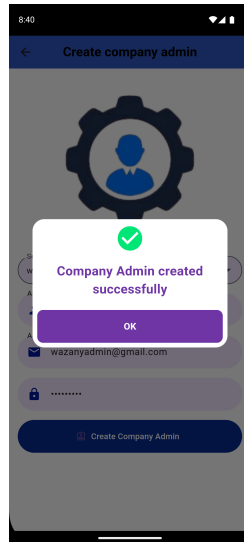


Figure 5.41: company admin added

### 5.2.0.3 Add a Product

Tapping on "Add a Product" will open a screen with a form for adding a product to the parts shop, the admin needs to upload an image or take a picture of the product, enter the part name, compatible cars, category, price, and the part description.

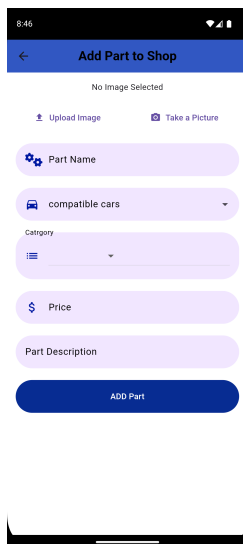


Figure 5.42: add part form

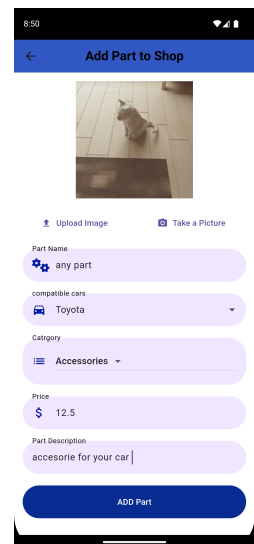


Figure 5.43: add part form2

### 5.2.0.4 Verification Claims

Tapping on "Verification claims", will open the pending verification page which has all the verification claims with status pending, when the admin taps one of them, the image

that the user submits as his verification evidence will appear with his username and phone number, the admin can either verify the user or decline the verification.

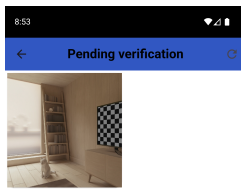


Figure 5.44: pending verification

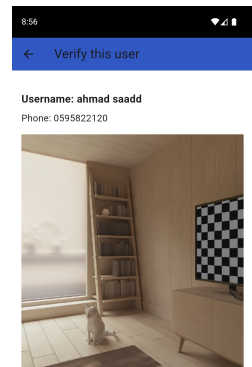


Figure 5.45: pending verification

### 5.3 Company Admin

When logged in as company admin, the garage dashboard will be the home screen, in the dashboard the admin can edit the company(garage) details, manage his employees, edit the services the garage offers, and manage the offers.

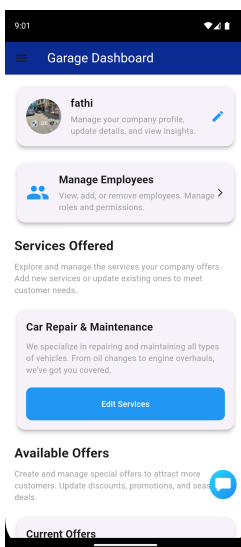


Figure 5.46: garage dashboard

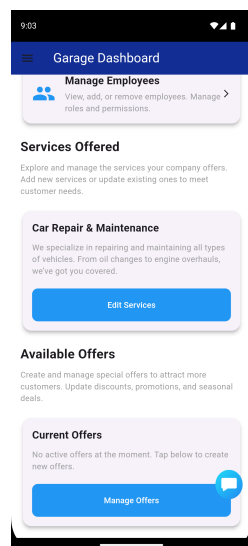


Figure 5.47: dashboard2

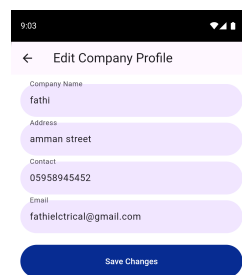


Figure 5.48: edit company

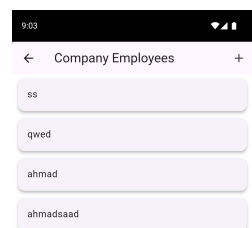


Figure 5.49: company employees

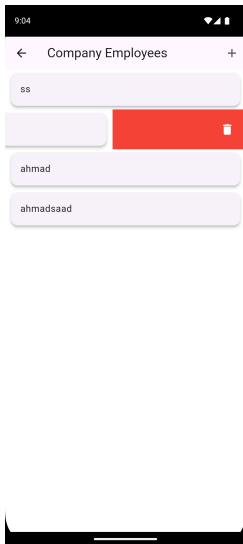


Figure 5.50: remove employee

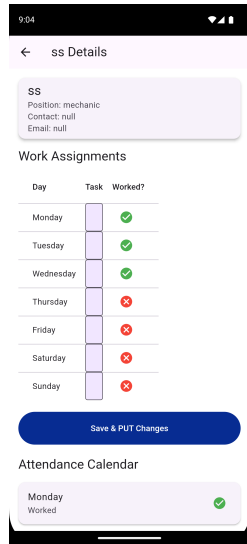


Figure 5.51: employee assessment

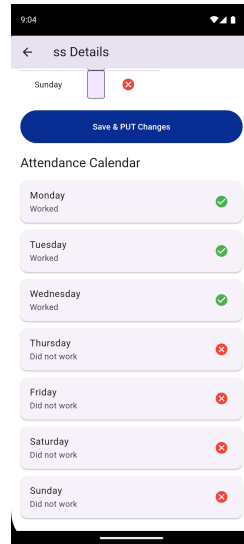


Figure 5.52: employee assessment2

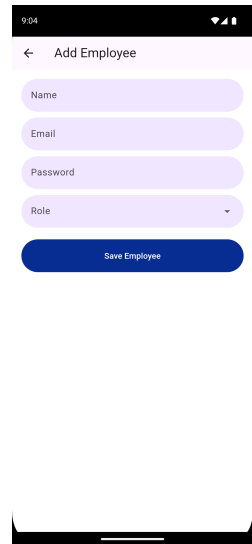


Figure 5.53: add employee

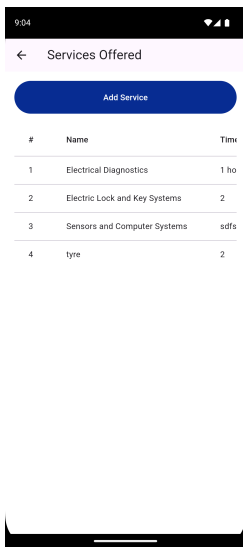


Figure 5.54: services page

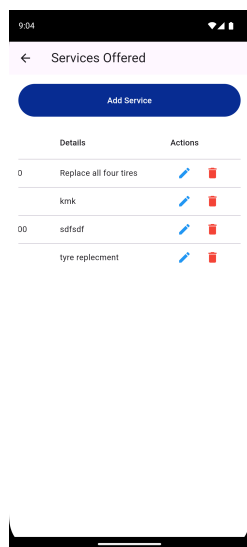


Figure 5.55: service edit

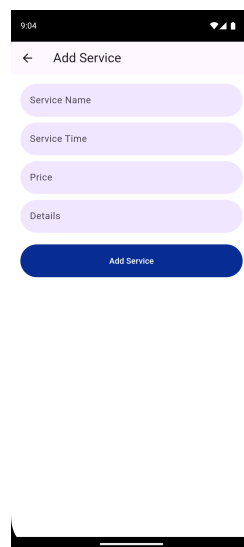


Figure 5.56: add service

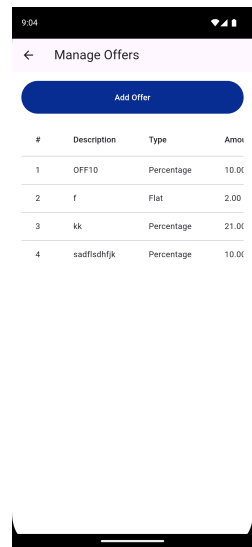


Figure 5.57: manage offers

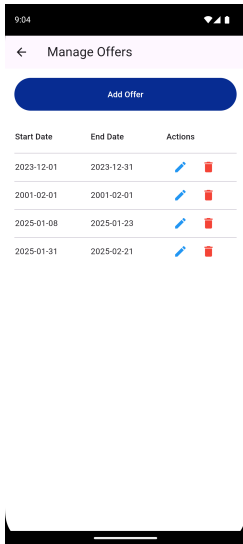


Figure 5.58: edit delete offer

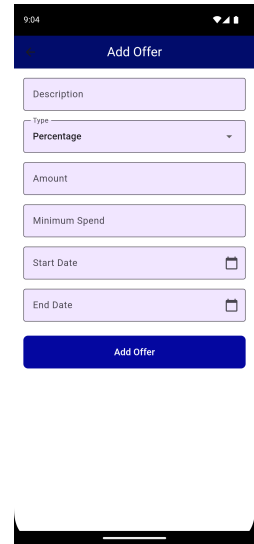


Figure 5.59: add offer

## 5.4 Employee

When logged in as an employee, the dashboard will appear as the home screen, with the assigned tasks and the work assignment.

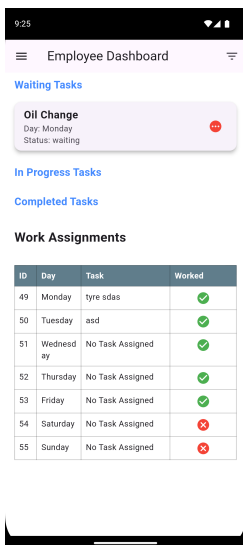


Figure 5.60: employee dashboard

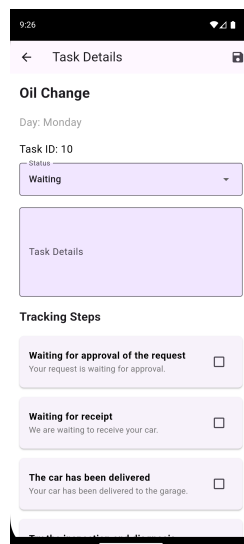


Figure 5.61: task details

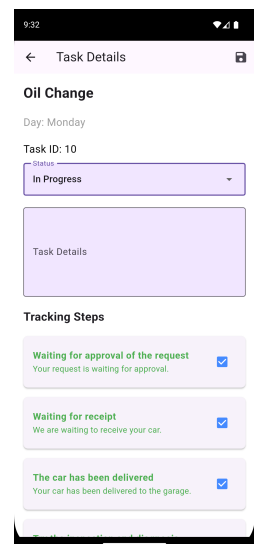


Figure 5.62: task edited

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## 6 Results and Analysis

### 6.1 Result Overview

The Sayyarati platform has demonstrated strong performance in facilitating on-demand car services, including emergency assistance, spare parts sales, and scheduled maintenance. Initial testing shows that the system effectively connects users with service providers in real-time. The marketplace feature has also gained traction, with users successfully listing and purchasing spare parts through the platform. Additionally, user feedback indicates a positive experience with the intuitive interface, streamlined booking process, and reliable communication system. Security measures, such as user verification and encrypted transactions, have effectively safeguarded user data and reduced fraudulent activity.

### 6.2 Analysis

Sayyarati has strategically enhanced the efficiency and accessibility of on-demand car services through several key innovations. The platform streamlines the process of requesting roadside assistance, maintenance, and spare parts by categorizing services into specialized sections, simplifying the search experience for users. Additionally, Sayyarati fosters seamless communication between customers and service providers through an integrated chat system, ensuring that inquiries, service confirmations, and updates are conveyed in real time.

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## 7 Conclusion and Future Work

The Sayyarati platform has successfully addressed key challenges in the on-demand automotive service industry by providing an efficient, user-friendly, and secure solution for vehicle owners and service providers. Through its structured service categorization, real-time communication, and GPS-based provider matching, the platform ensures seamless user experiences. The integration of a spare parts marketplace further enhances its value by offering a convenient and reliable way for users to buy vehicle components. Additionally, security measures such as user verification and encrypted transactions contribute to a safe and trustworthy environment for both customers and service providers.

### 7.1 Future Work

As Sayyarati continues to evolve, several enhancement and new features can be introduced to expand its functionality and improve user engagement.

- **Car Rental System:** Integrating a vehicle renting system in our application will enable users to rent cars for both long and short periods on given requirements. The system will contain a set of filters to refine search queries based on rental pricing, period and type, duration, as well as region. Furthermore, including a reliable method for automated payment, contract generation, and payment will facilitate easier navigation through rentals and ensure adequate protection for those renting the cars to the owners and the other way around
- **Car Buy & Sell Marketplace:** Improving the application by adding a feature within Sayyarati for the purchasing and selling of vehicles will allow users greater flexibility to post, search for and buy cars easily. This feature will also come with already verified sellers, advanced specification showcasing system, price categorization, integrated messaging for buyers and sellers to negotiate, as well as more advanced searching and monitoring of payment, and even history tracking of the vehicle to build confidence and trust.
- **Subscription-Based Memberships:** By charging a small premium fee for users and service providers it will make them avail of many benefits like lower service costs, fast-track service, longer warranty periods, special rates for parts, and exclusive rental and purchase offers.
- **Insurance Integration:** By linking with an insurer and even an emergency roadside assistance provider, users will be able to solicit insurance quotes and file claims as well as receive help during catastrophe situations through the app itself.

## 8 Website Screenshots

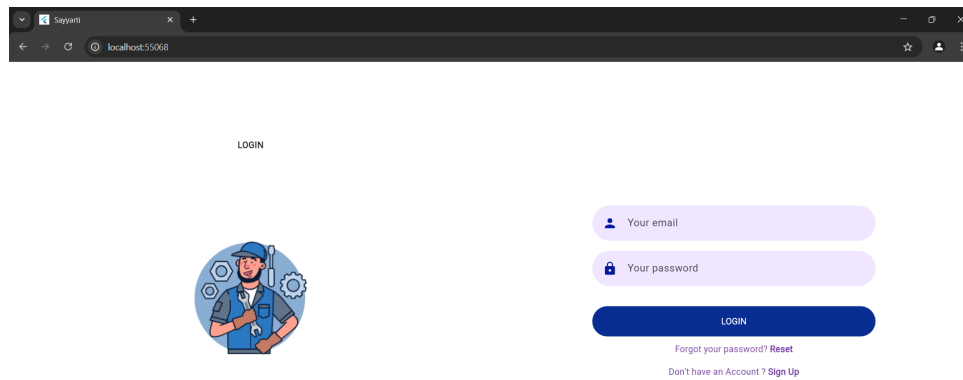


Figure 8.1: login

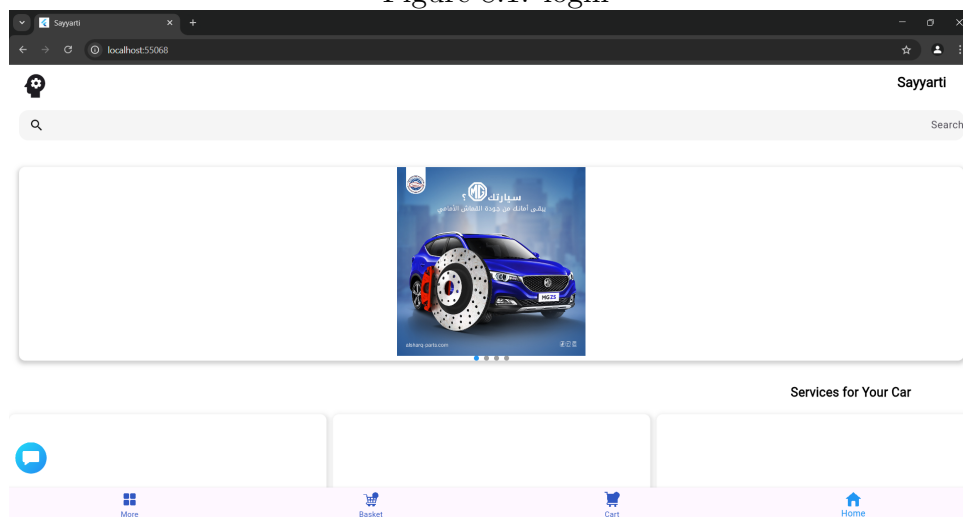


Figure 8.2: home page

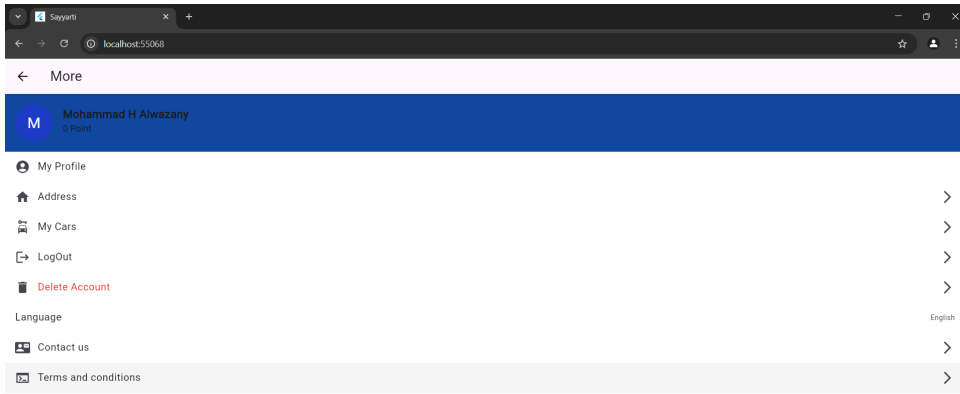


Figure 8.3: more page

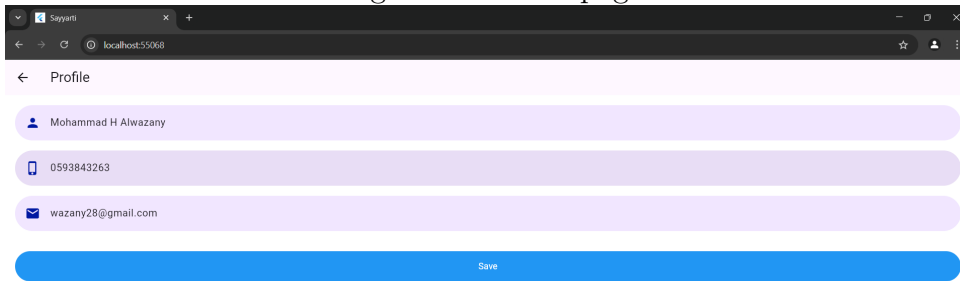


Figure 8.4: profile details

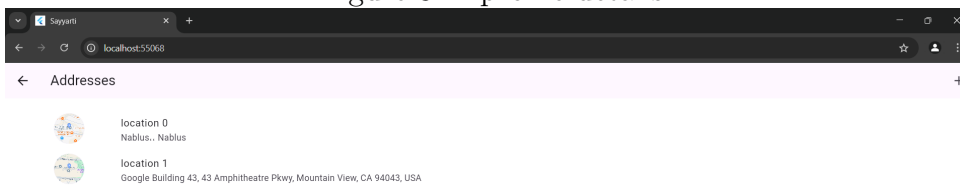


Figure 8.5: addresses page

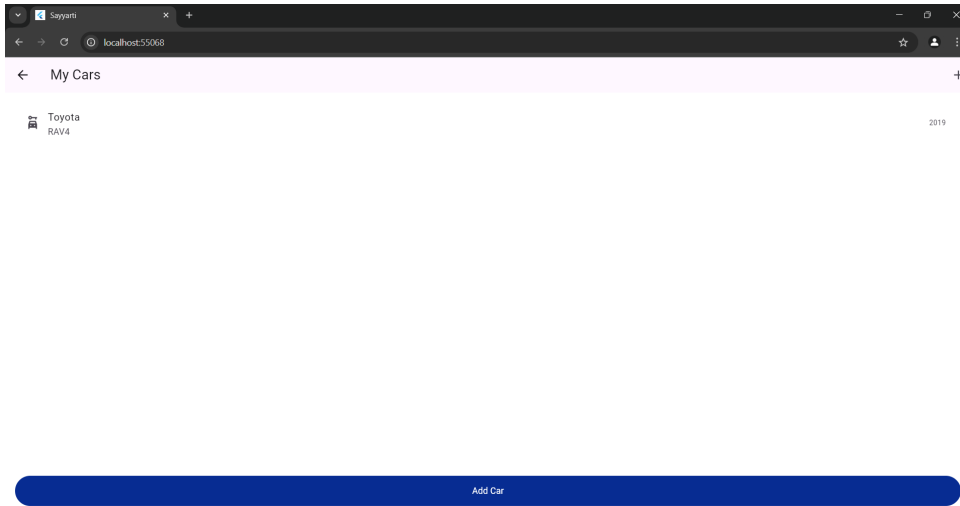


Figure 8.6: my cars page

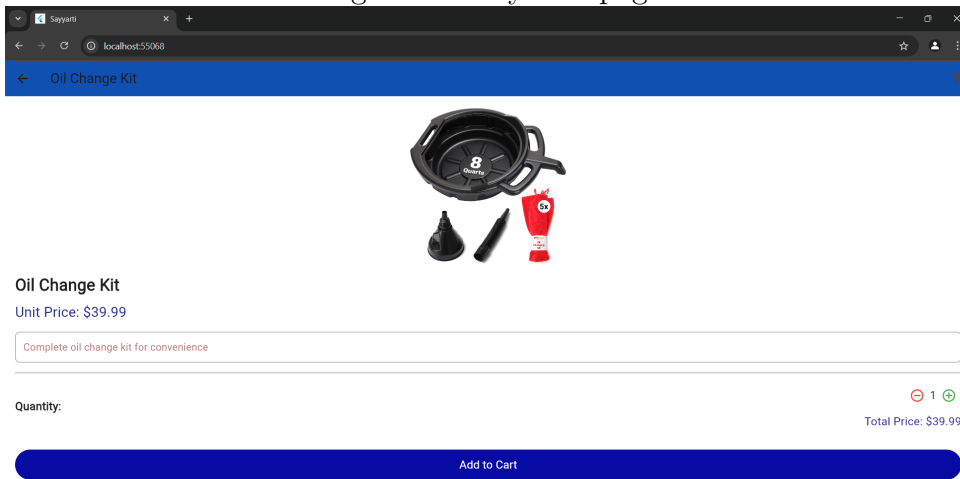


Figure 8.7: product page

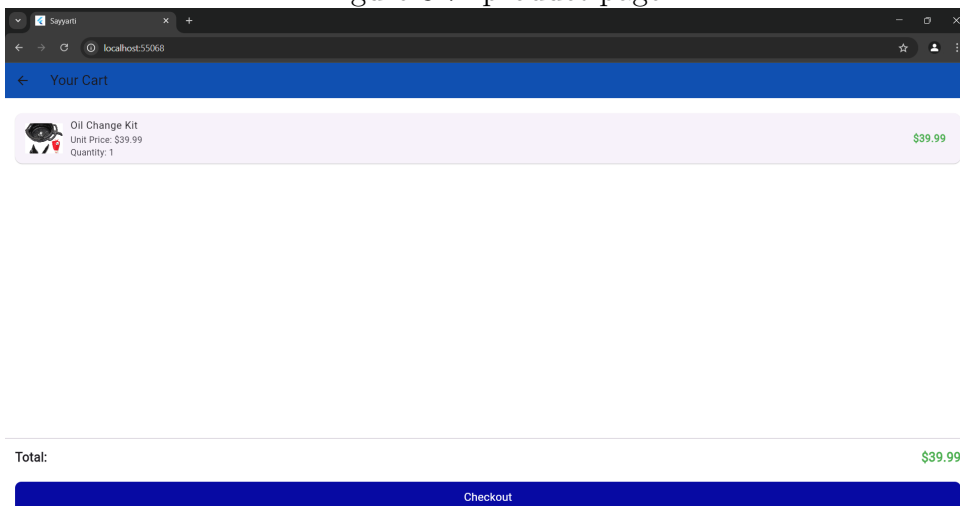


Figure 8.8: cart



Figure 8.9: admin dashboard

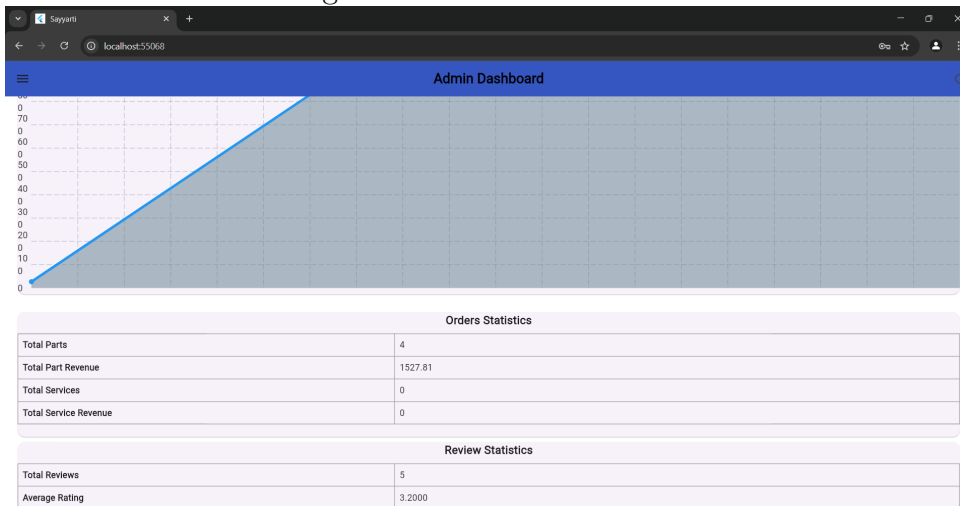


Figure 8.10: admin dashboard2



Figure 8.11: admin dashboard tables

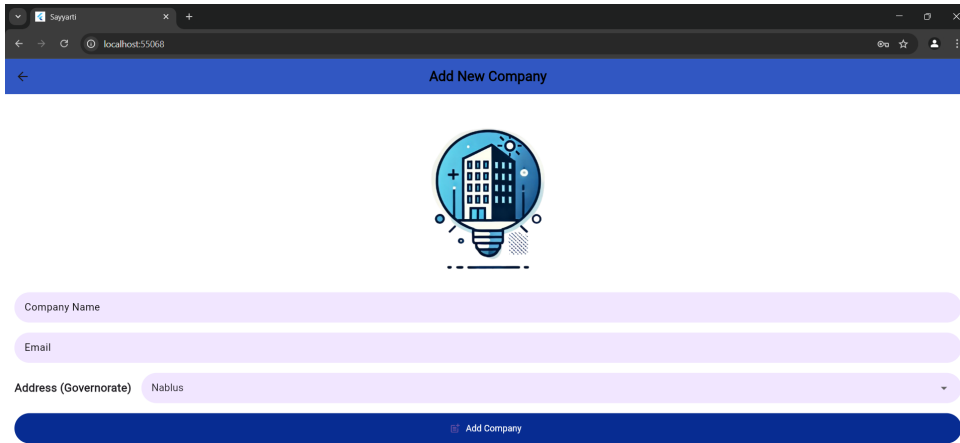


Figure 8.12: add new company

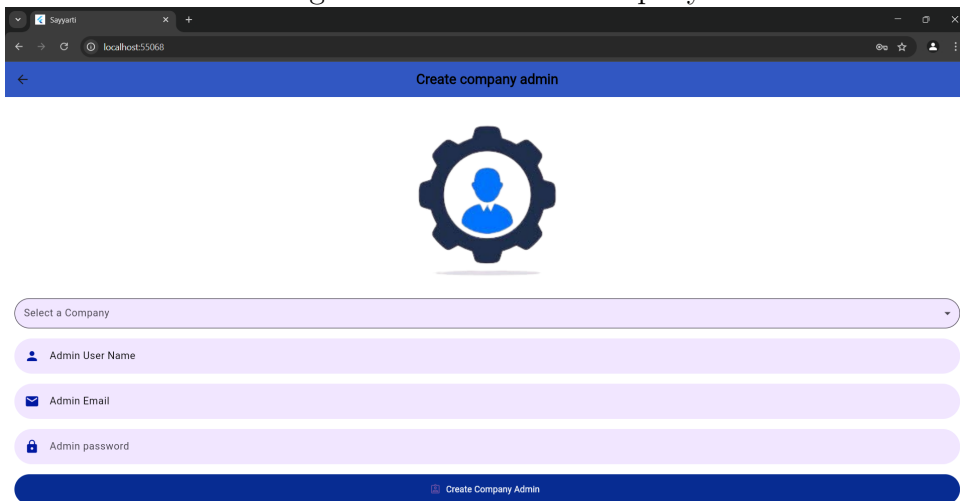


Figure 8.13: create company admin

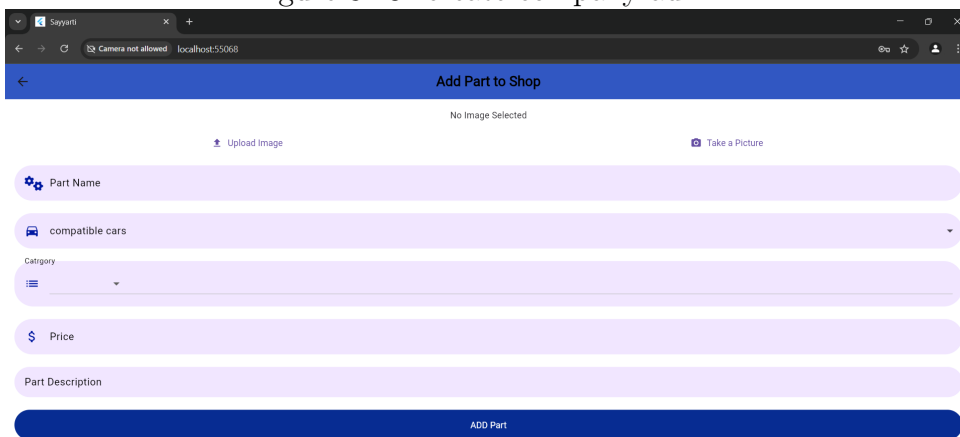


Figure 8.14: add part to shop

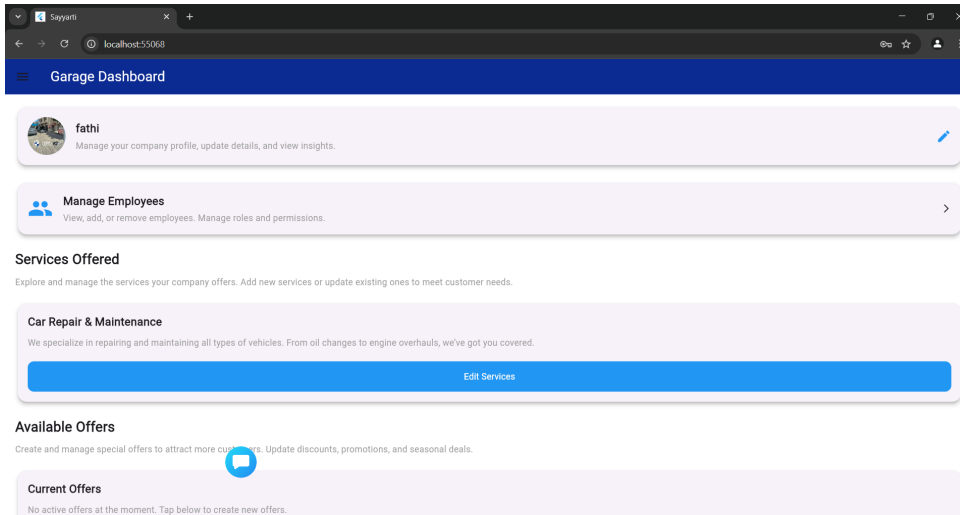


Figure 8.15: workshop dashboard

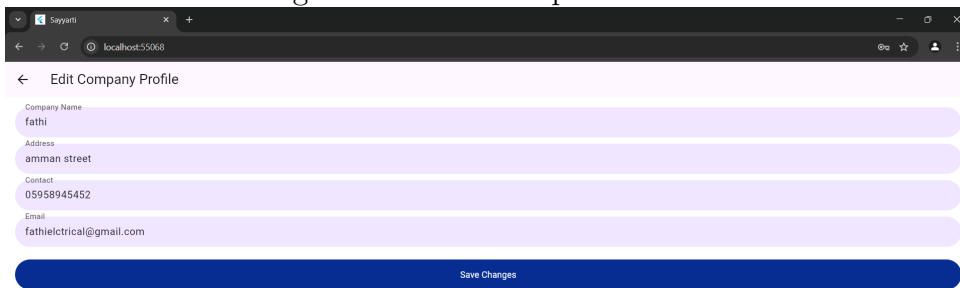


Figure 8.16: edite company profile



Figure 8.17: employee list

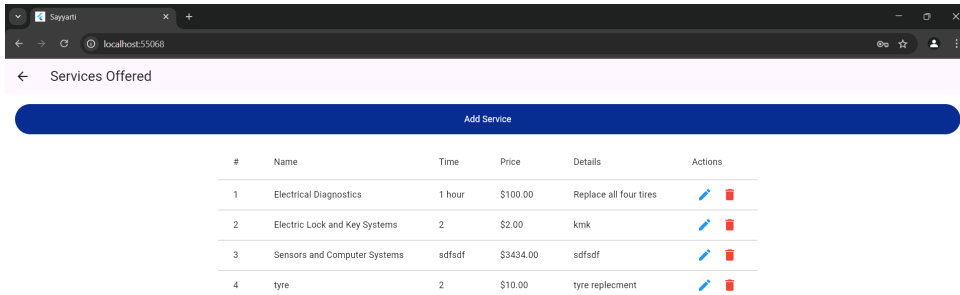


Figure 8.18: service list

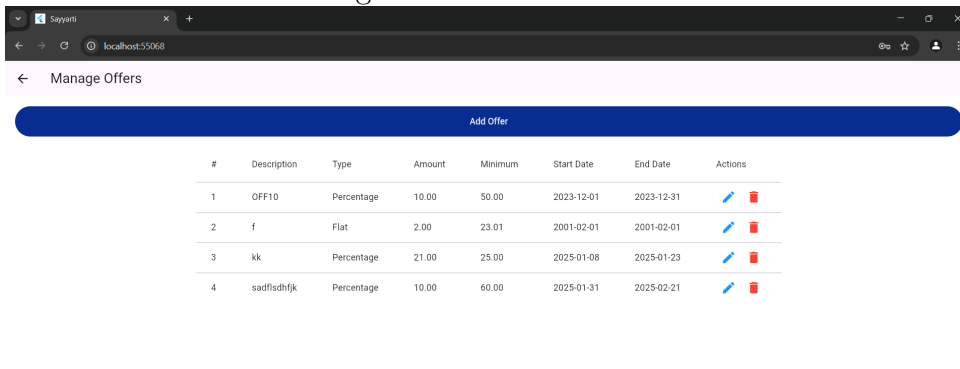


Figure 8.19: offer management

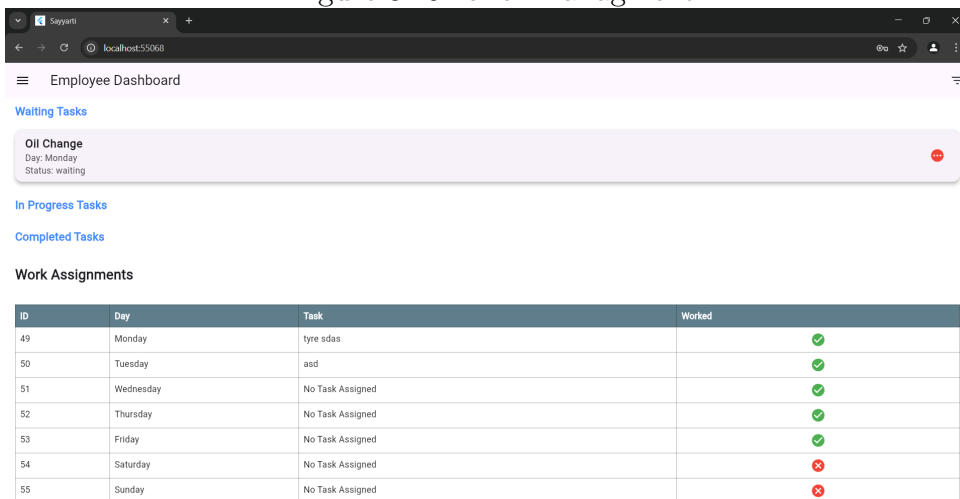


Figure 8.20: employee dashboard



Figure 8.21: task details