

PIC AND FIX MOBILE APPLICATION

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RAJARATA UNIVERSITY OF SRI LANKA ICT/19/20/138

Get Back on the Road with Confidence - Your Ultimate Driving Companion

Introducing the ultimate app for drivers and vehicle owners! Say goodbye to worries about unexpected breakdowns. With our app, you'll have peace of mind on every journey.

When your vehicle faces a breakdown, simply add a service request through the app. Our expert technicians will locate you using advanced map navigation and arrive promptly to get you back on the road as soon as possible.

Key Features:

- **Instant Service Requests:**
Easily add a service request if your vehicle breaks down.
- **Real-Time Location Tracking:**
Our team uses precise map navigation to find you quickly.
- **Fast Response Times:**
Our skilled employees are dedicated to providing swift and efficient repairs.
- **User-Friendly Interface:**
Intuitive design ensures a seamless experience for all users.
- **Peace of Mind:**
Travel with confidence knowing help is just a tap away.

Never let a vehicle breakdown ruin your plans again. Download our app today and experience the ultimate driving companion!

Flow of the Application

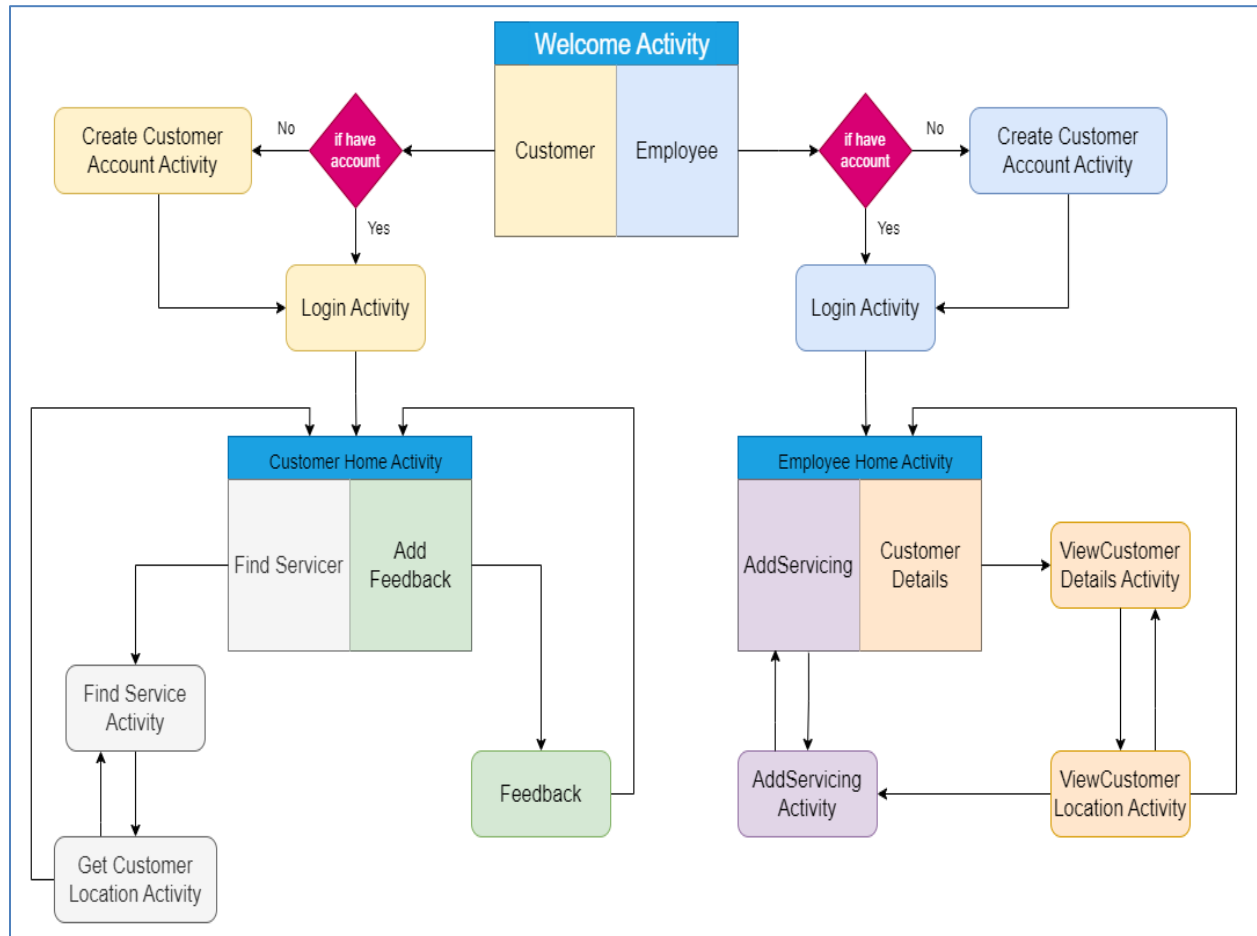


Figure 1: Flow of Application

Landing Activity

- When the app is opened, it loads this activity. After the progress bar has loaded, it moves to the next activity.

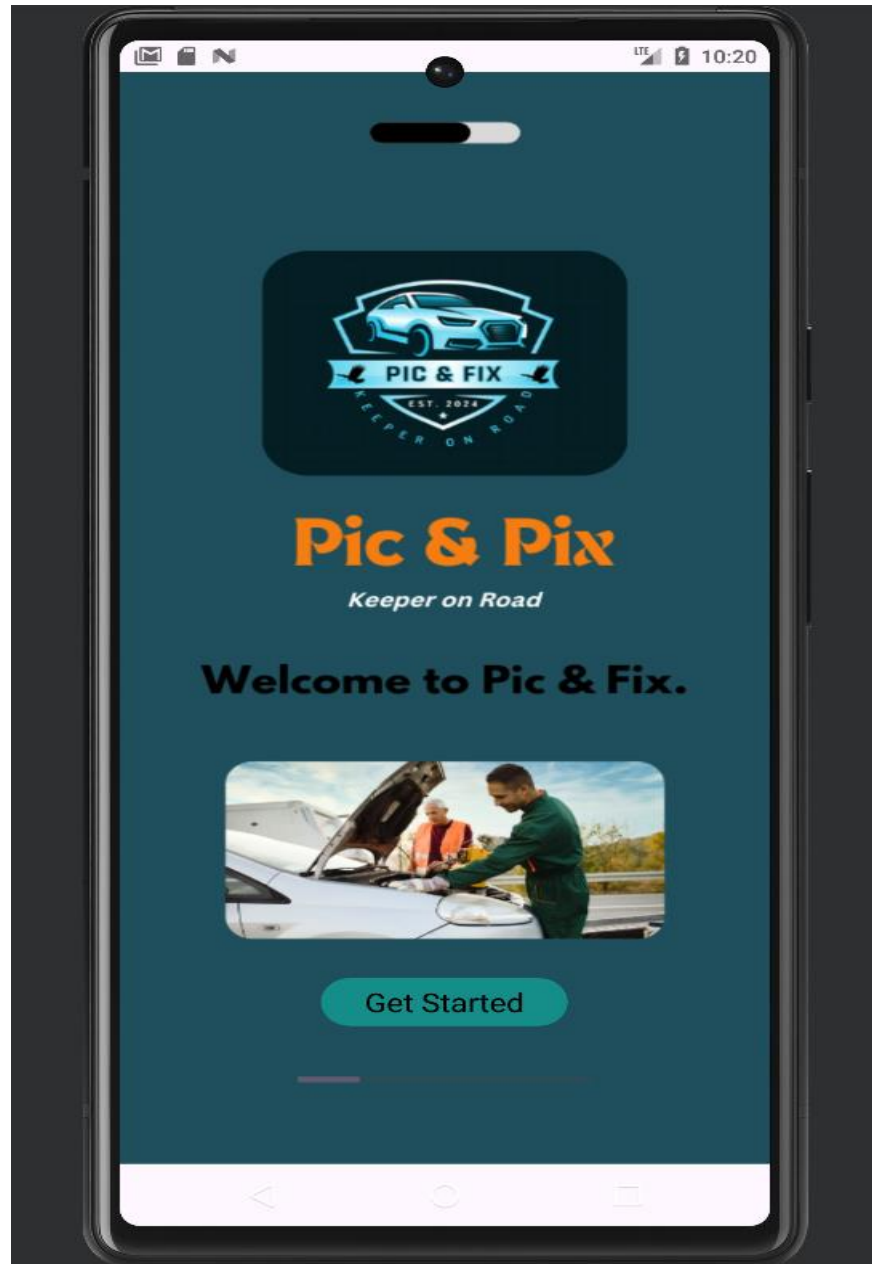
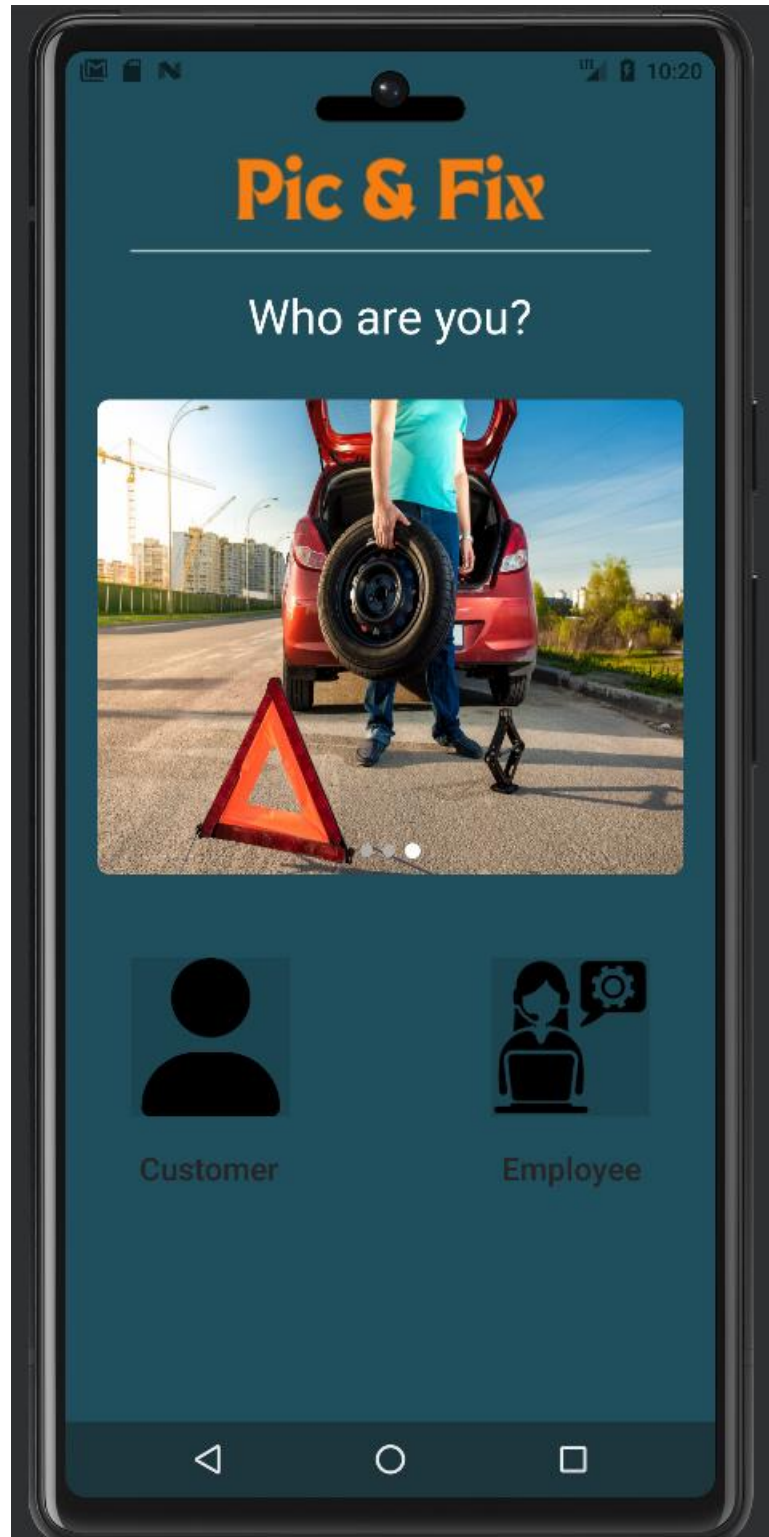


Figure 2: Welcome Activity 1

Welcome Activity

- Initially, users have to select whether they are an employee or client. After that, they can move to the relevant activity.



Login Activity

- This activity includes two text fields to enter email and password. After filling in the fields, users can click the "Log In" button to log in as an employee or a customer. It also includes a button to navigate to the sign-up activity to register as an employee or a customer.



Figure 3: Activity Login Interface

Create Employee/Customer Account Activity

- Here, users can enter employee name, contact, email, and password into four text fields. After filling in the fields, they can click the "Sign Up" button to add the entered data to the database and sign up as an employee or a customer.

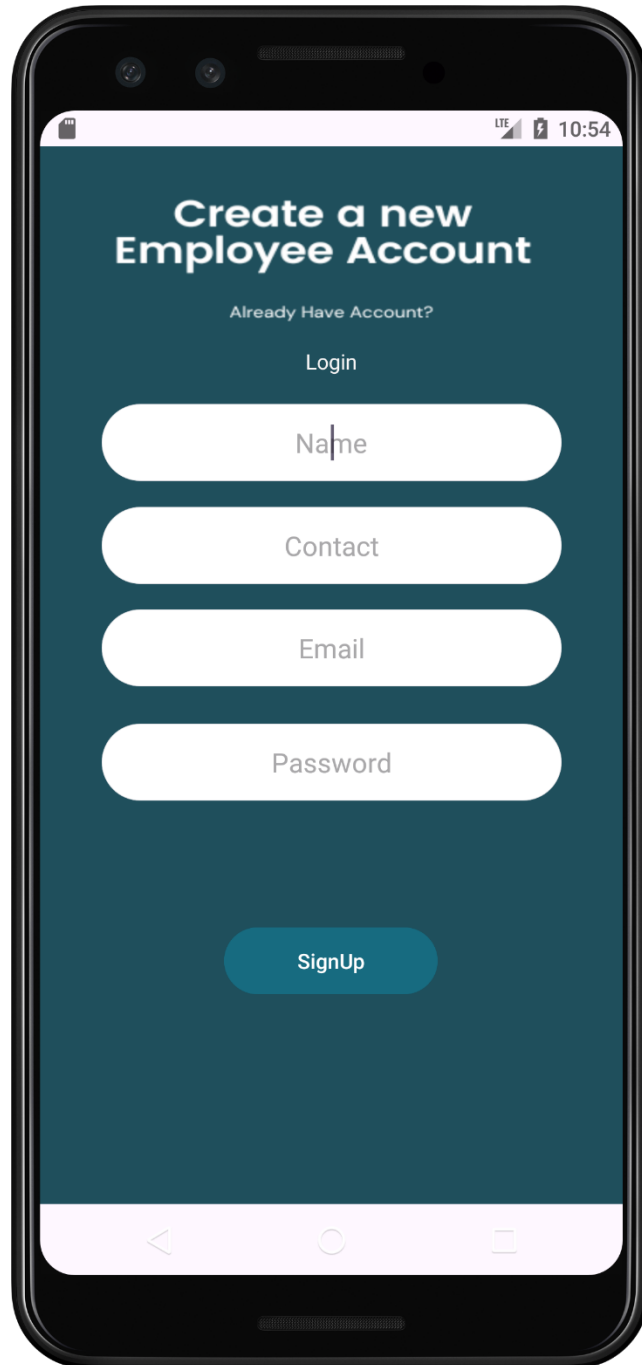


Figure 4: CreateAccount Activity

Customer Home Activity

- This includes "Find Service" and "Feedback" buttons. Clicking the "Find Service" button navigates to the Find Service activity, while clicking the "Feedback" button allows clients to add feedback for the service.



Figure 5: Customer Home Activity

Find Servicing Activity

- This activity comprises five text fields to enter vehicle number, vehicle model, customer name, service, and charge. After filling in the above fields, users can click the "Add" button to add the entered data to the database. When click Next button, app navigates to Get Customer Location.

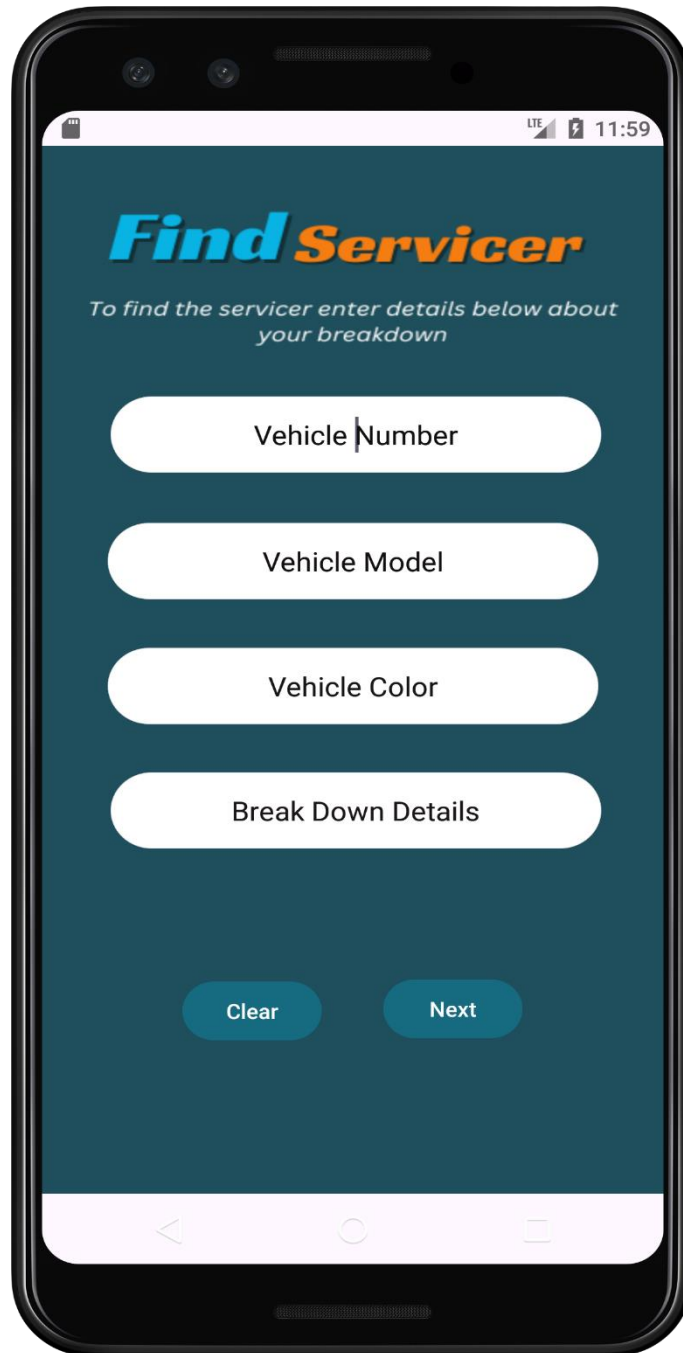


Figure 6: Findservice Activity

Get Customer Location Activity

- Here, the app displays the user's current location's geo point values and it updates the database.

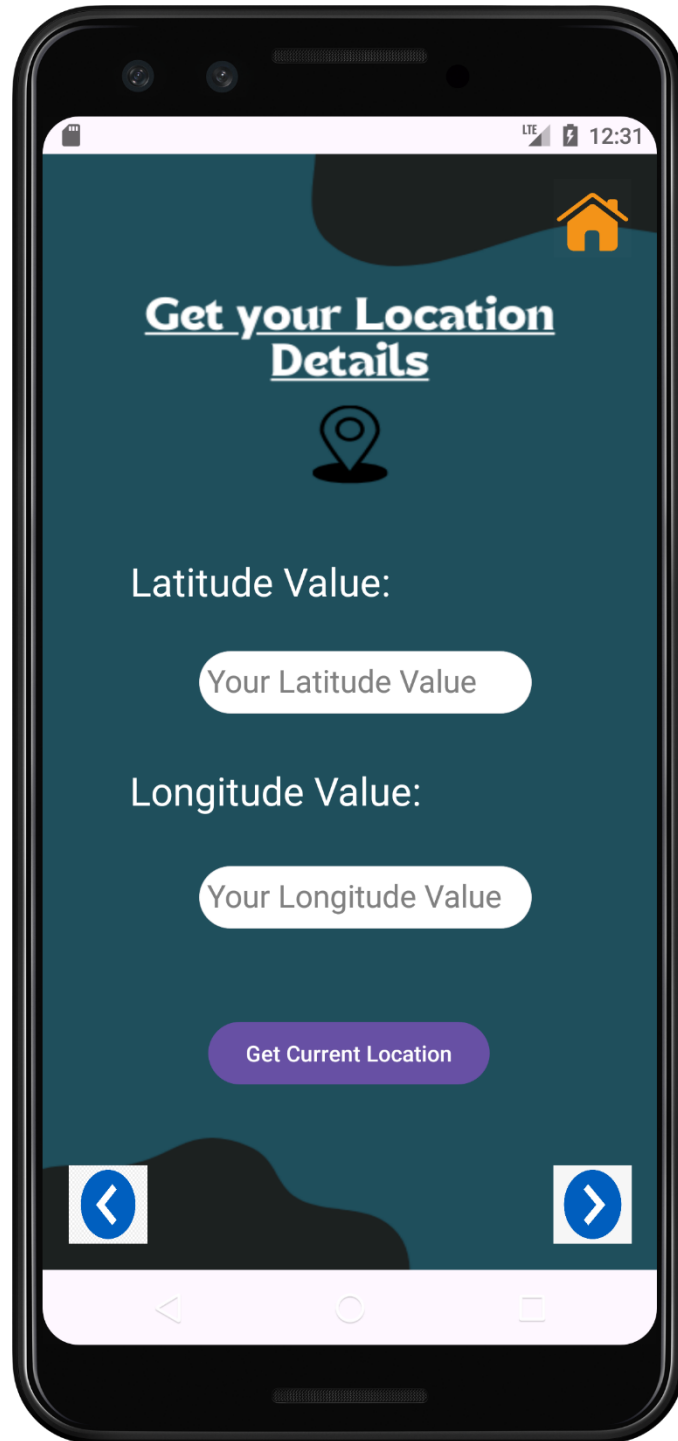


Figure 7: Get Customer Location

Feedback Activity

- This activity includes fields to add customers feedback and a button to reenter feedback as well as a button to move to the home activity.

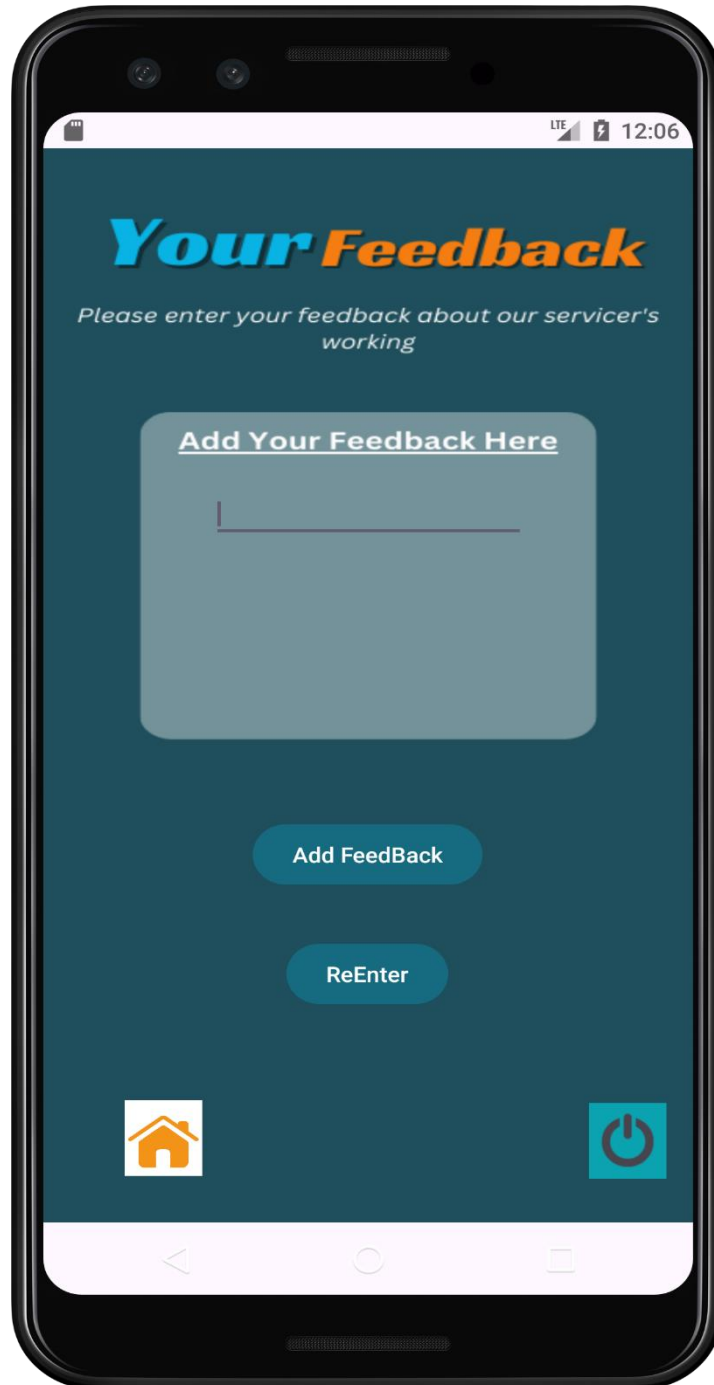


Figure 8: Feedback Activity

Employee Home Activity

- In this activity it includes 2 buttons to add servicing and customer details. Clicking add servicing button navigates to add servicing activity while customer details button navigates to customer details button.

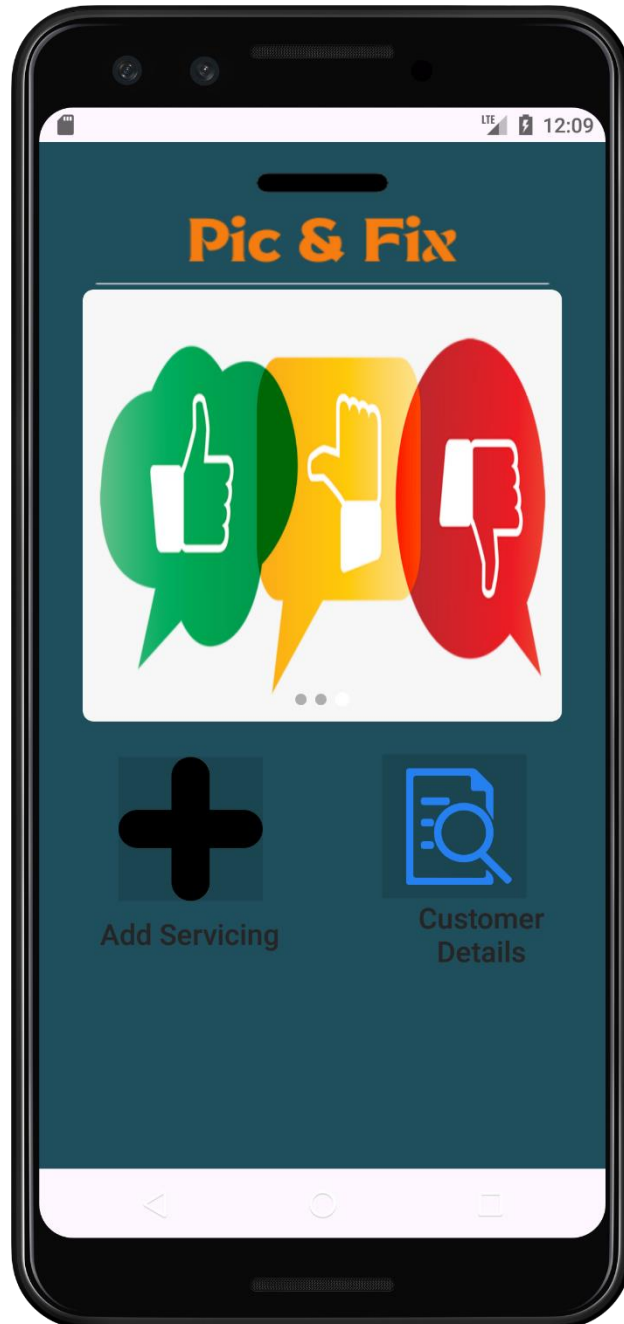


Figure 9: Employee Home Activity

Add Servicing Activity

- This activity comprises five text fields to enter vehicle number, vehicle model, employee name, service, and charge. After filling in the above fields, employees can click the "Add" button to add the entered data to the database. It includes three navigation buttons to move to the previous, next, and home activities.

The image shows a mobile application interface for adding servicing details. The screen has a dark teal background. At the top, the title "Add Servicing" is displayed in a large, bold, blue and orange font. Below the title, the subtitle "To add servicing details" is shown in a smaller white font. There are five white rounded rectangular input fields stacked vertically, each with a placeholder text: "Vehicle Number", "Vehicle Model", "Customer Name", "What did you do?", and "Charge for Servicing". Below these fields is a teal rounded rectangular button labeled "Add". At the bottom of the screen, there are three navigation icons: a blue circle with a white left arrow, an orange house icon, and a blue circle with a white right arrow. The phone's status bar at the top shows "LTE", signal strength, battery, and the time "12:15".

Figure 10: Add Servicing Activity

View Customer Details Activity

- This activity includes a text field to enter customer email. After filling in the field, clicking the "View Details" button allows users to view customer details, and there's also a "Delete" button to remove customer details.

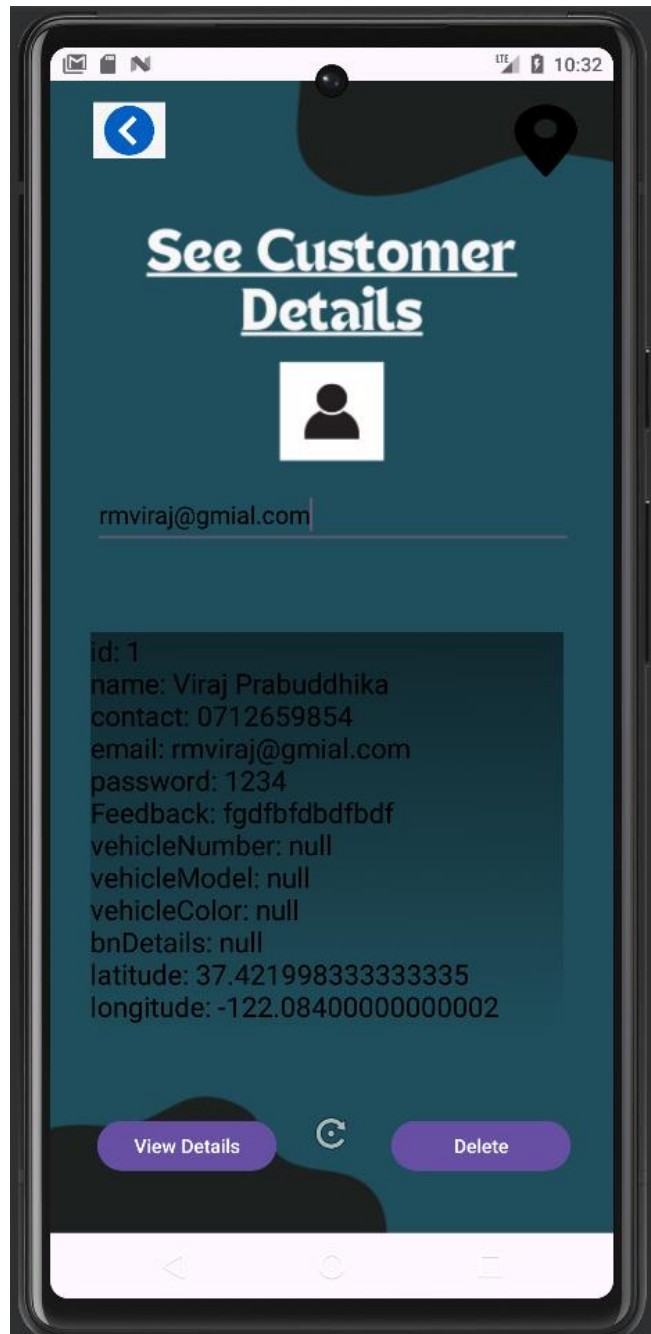


Figure 11: See customer details

Customer Location Activity

Customer had to enter the latitude and longitude location he stands. Using these data employee can find the place where customer is located. This activity then provide a map to find the location of the customer.

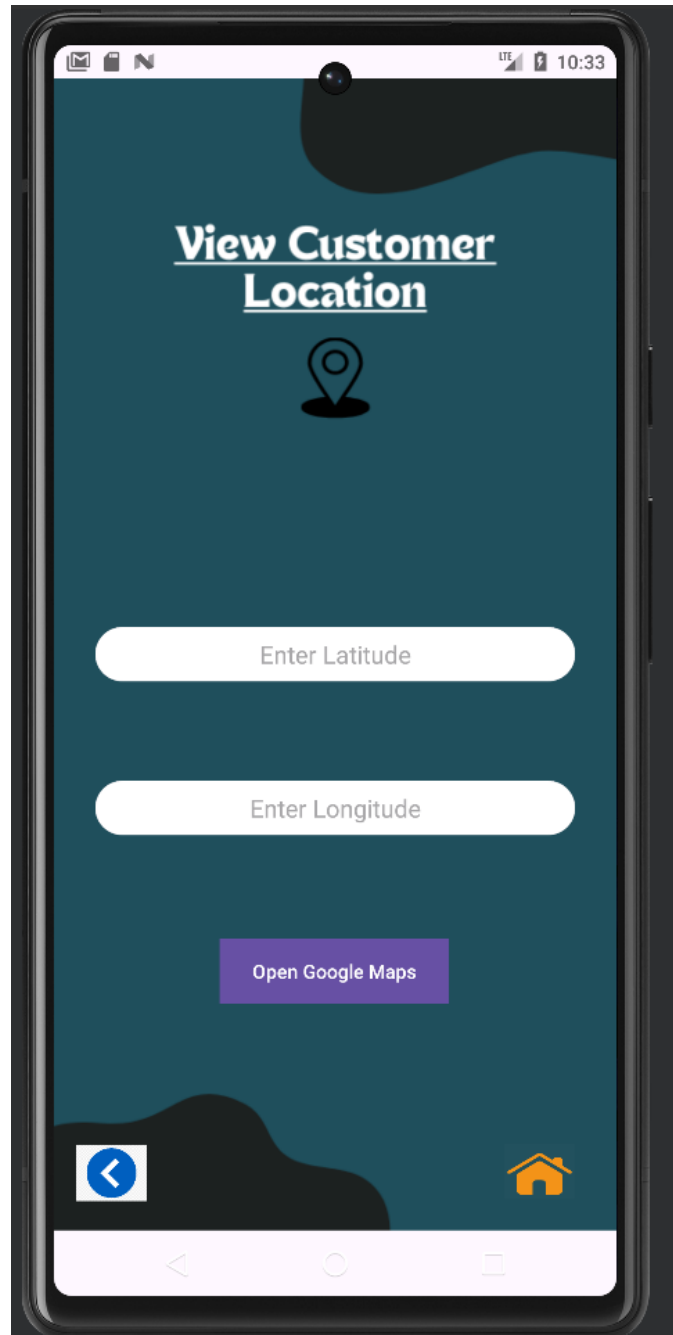


Figure 12:See customer Location