



Name:- Mayank Vadaliya  
:- Vivekkumar Kakhiriya(2803175)  
CSU ID:- 2796593  
Mail ID: - [2796593@vikes.csuohio.edu](mailto:2796593@vikes.csuohio.edu)  
Subject :- CIS 694

Supervised by Prof:- Wenbing Zhao

# Final Project

**QUE:** - Develop an interesting mobile app that uses one or more sensors with substantial complexity. Minimum features: (1) user management with login and user registration; (2) data persistency with MySQL Lite or cloud storage; (3) at least three activities; (4) using at least one sensor for the core logic of the application. The lines of code of the source code (excluding the layout specification) are expected to be 500 or more for a passing grade on the project.

**Please submit the following items:** (1) zipped full source code (i.e., the Android studio project folder); (2) a detailed typed project report documenting the significance of the project, the design and implementation of the project, and the screenshots of example scenarios when using your app.



Programming Language: -      React-Native

Database: -                    [www.000webhost.com](http://www.000webhost.com)

Application Name: -            Auto Repair

Number Of Screen: -            25 Screen

- Splash Screen
- Login Screen
- User Side: -
  - o     Home Screen
  - o     Add Car Information's Screen
  - o     View Car Information Screen
  - o     Profile Screen
  - o     Edit Profile Screen
  - o     Setting Screen
  - o     Policy Screen
  - o     Helpline Screen
  - o     Car Status Screen
  - o     Location Screen
- Mechanic Side: -
  - o     Home Screen
  - o     Profile Screen
  - o     Edit Profile Screen
  - o     Car Information Screen
  - o     Location Screen
  - o     Work Status Screen
  - o     Change Password Screen
- More...

Installing External Library: -

- "@react-native-async-storage/async-storage": "^1.17.11",
- "@react-native-community/geolocation": "^3.0.3",
- "@react-navigation/native": "^6.0.13",
- "@react-navigation/native-stack": "^6.9.1",

- "axios": "^1.2.0",
- "react": "18.1.0",
- "react-native": "0.70.5",
- "react-native-document-picker": "^8.1.3",
- "react-native-image-picker": "^4.10.1",
- "react-native-image-resizer": "^1.4.5",
- "react-native-maps": "^1.3.2",
- "react-native-safe-area-context": "^4.4.1",
- "react-native-screens": "^3.18.2",
- "react-native-shake": "^5.1.1",
- "react-native-toast-notifications": "^3.3.1",
- "react-native-vector-icons": "^9.2.0"

### **CODE Information:-**

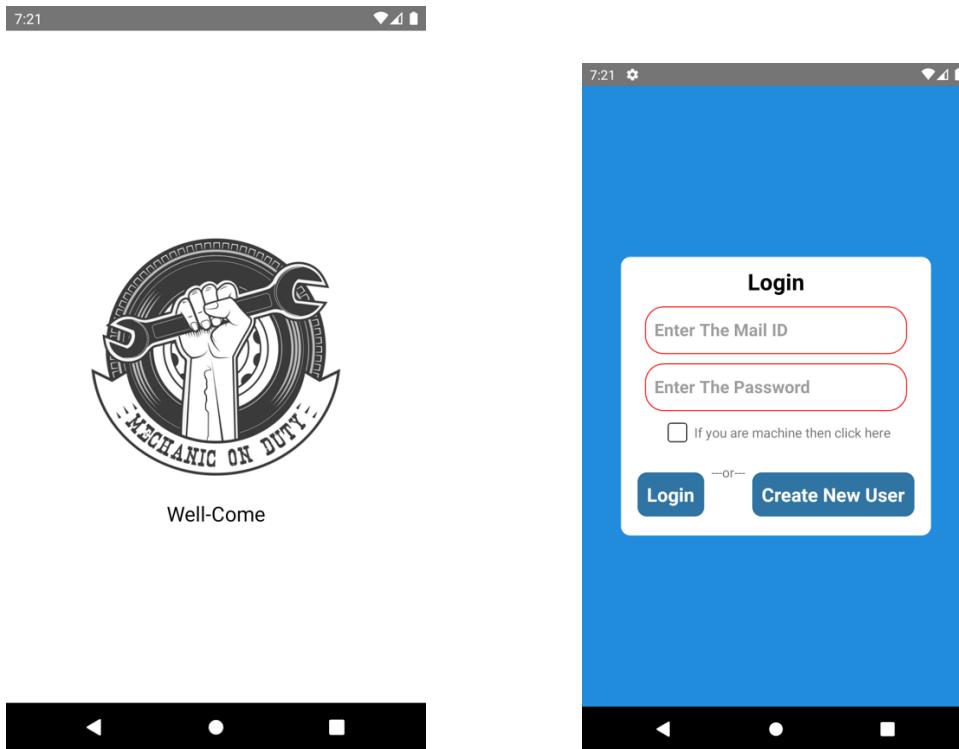
- View is designed to be nested inside other views and can have 0 to many children of any type.
- Text supports nesting, styling, and touch handling.
- import { ToastProvider } from 'react-native-toast-notifications':- Alert Message show
- StyleSheet:- For give the style to all screen
- TouchableOpacity :- This work like button
- Image :- Display the image
- FlatList :- Display the list
- @react-native-async-storage/async-storage :- this library use for store tempory data like user id and token because once user login after that no need to login
- useEffect :- this function call automatically when screen start
- useState :- variable call
- fetch( ) :- This applicaton use API of call the data from the web site or cloud storeg
- TextInput :- user can inside the valus here
- react-native-image-picker :- this library call from online and this application select image so here put two option camera and gallery
- react-native-shake – here I put advance system like when user shake this phone that time select image option open
- @react-native-community/geolocation – geolocation use for get live loation to user
- react-native-maps : - Display the map
- @react-navigation/native :- this functon use for go user one screen two onther screen
- @react-navigation/native-stack':- screen natigate like stack first come last go and last come first go
- setTimeout :- this work like timer

### **Application Work:-**

- First App start with Splash screen after the 3 second
- Login screen come out in this screen user need to enter the user id and password
- Over there I put one check box so I put one condition check box checked that user login with user on other hand mechanic login.
- Every user can create there account

- User side application work like user can enter his car problem and over there I put many option about auto details.
- As well as I get live location and change their profile like edit and many more
- They can see their data or more
- In addition, mechanic side they can see user uploaded date
- They can give the quote for problem
- See their work like how many works are padding
- Edit their profile or change it
- More

### **SceenShot:-**



7:21



Shek Mobile for Select The Image

Enter The Full Name

Enter The Mail ID

Enter The Password

Enter The Re-Password

Enter The Phone Number

If you are creating machine account then click here

**Create New User**

Go Back

7:21

PLEASE ENTER THE EMAIL ID

**Login**

Enter The Mail ID

Enter The Password

If you are machine then click here

**Login**    --OR--    **Create New User**

7:22 \* 1 \*

**Auto Problem:- 1**

Time to buy new  
carem.C\_Problem\_D  
etailsem.C\_Problem

1  
Mailage:-1

2022-12-02 21:33:24



**Auto Problem:- mm**

em.C\_Problem\_Deta  
ilsem.C\_Problem\_D  
etailsC\_Problem\_De

m  
Mailage:-

2022-12-04 03:53:15



**Auto Problem:- mm**

em.C\_Problem\_Deta  
ilsem.C\_Problem\_D  
etailsC\_Problem\_De

m  
Mailage:-

2022-12-04 03:53:35



**Auto Problem:- n1**

n1em.C\_Problem\_D  
etailsem.C\_Problem  
\_DetailsC\_Problem

n1  
Mailage:-n1

2022-12-04 03:58:54



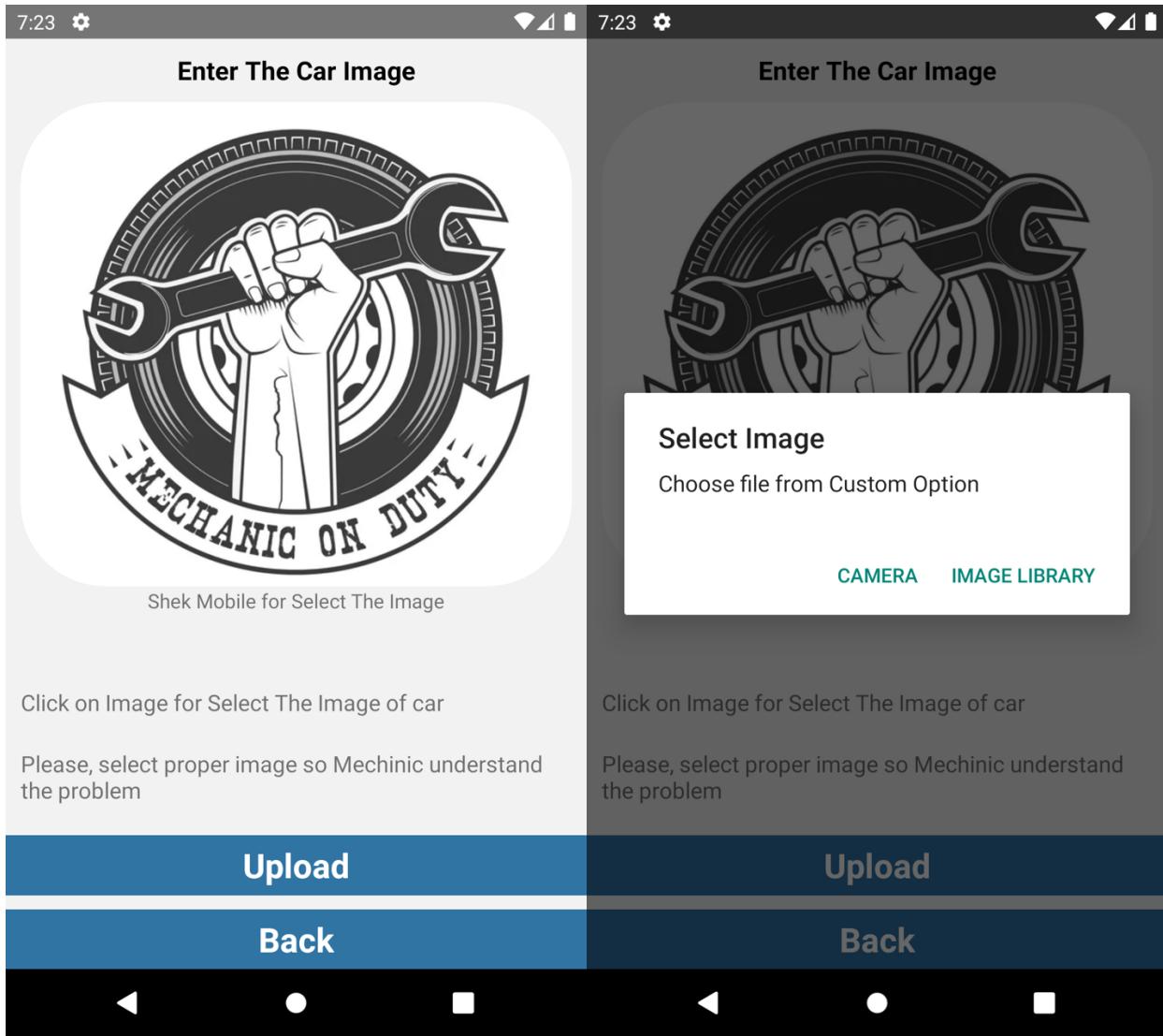
**Auto Problem:- nwe**





Back

<b>Enter The Car Data</b>  Here Application Ask Some Question regarding car like :- Name, Make, modal , year, car iamge , car problem and some more  Car Name <input type="text" value="Enter The Car Name"/>  Car Make <input type="text" value="Enter The Car Make"/>  Car Model <input type="text" value="Enter The Car Model"/>  Car Year <input type="text" value="Enter The Car Year"/>  Car Mailage <input type="text" value="Enter The Car Mailage"/>	<b>Enter The Car Problem</b>  Car Problem <input type="text" value="Enter The Car Problem"/>  Car Problem Deatails <input type="text" value="Enter The Car Problem Deatails"/>
<b>Save &amp; Next</b>	<b>Next</b>
<b>Back</b>	<b>Back</b>
	



**UPLOAD SUCCESSFULLY**

**Auto Problem:-** 1  
Time to buy new car.C\_Problem\_D  
etailsem.C\_Problem  
  
Mailage:-1  
2022-12-02 21:33:24

**Auto Problem:-** mm  
em.C\_Problem\_Data  
ilsem.C\_Problem\_D  
etailsC\_Problem\_De  
m  
Mailage:-  
2022-12-04 03:53:15

**Auto Problem:-** mm  
em.C\_Problem\_Data  
ilsem.C\_Problem\_D  
etailsC\_Problem\_De  
m  
Mailage:-  
2022-12-04 03:53:35

**Auto Problem:-** n1  
n1em.C\_Problem\_D  
etailsem.C\_Problem  
\_DetailsC\_Problem  
n1  
Mailage:-n1  
2022-12-04 03:58:54

**Auto Problem:-** nwe

## Setting

---

[PROFILE](#)

---

[CAR](#)

---

[YOUR CASE](#)

---

[POLICY](#)

---

[ONLINE SUPPORT](#)

---

[LOGOUT](#)

[Back](#)



7:24

Back

## About You

Edit



Name: - Nayank

Phone Number: - +1 216-216-2121

Email ID: - newapp@gmail.com

Total Number Of Work Done: - 1

7:24

Back

Enter Your Mail ID

Comment.....

SUBMIT

7:25 7:25

Car Problem

Auto Problem:- n1  
n1

2022-12-04 03:58:54

Auto Problem:- nwe  
dvsddsfv

2022-12-04 16:52:00

n1  
Mailage:-n1

NEW1  
Mailage:-12313

7:25 7:25

Car Problem

Auto Problem:- n1  
n1

2022-12-04 03:58:54

Auto Problem:- nwe  
dvsddsfv

2022-12-04 16:52:00

n1  
Mailage:-n1

7:25 7:25

Car Problem

Uploaded Date: - 2022-12-04 16:52:00

Name: - NEW1

Model: - NEW1

Milage: - 12313

Year: - NEW1

Problem: - nwe

Problem Details: - dvsddsfv

Coustomer Details

Please enter the qut for car repair

SEND

Back

Home

Target

Tire

Gears

**Coustomer Information**



**Name:** - 1  
**Email ID:** - 1  
**Phone Number:** 1  
**Work Done:** - 0

**!! This Is Your Job !!**

Auto Problem:- 1  
Time to buy new car



1  
Mailage:-1

2022-12-02 21:33:24



The image shows a smartphone interface with two main screens displayed side-by-side.

**Left Screen (Navigation Menu):**

- 7:26 at the top left.
- A dark teal horizontal bar containing four white, rounded rectangular buttons:
  - ABOUT**
  - EDIT PROFILE**
  - CHANGE PASSWORD**
  - LOGOUT**
- Three horizontal dotted lines separate the buttons.

**Right Screen (Change Password Screen):**

- 7:26 at the top right.
- A white header with a small "Back" button and the title **Change Your Password**.
- Below the title are three light blue rounded rectangular input fields with placeholder text:
  - Enter The Old PassWord
  - Enter The New PassWord
  - Enter The New Re-PassWord
- A large blue rounded rectangular button labeled **Save Password** is positioned below the input fields.
- At the bottom, there is a blue horizontal bar with four red-outlined circular icons:
  - House icon
  - Target icon
  - Database icon
  - Gears icon
- Below the blue bar is a black horizontal bar with standard Android navigation icons: back, home, and recent apps.

7:26



Back

## About You

Edit



Name: - 2

Phone Number: - 2

Email ID: - 2

Total Number Of Work Done: - dfa

Exper: - dfa Year

Area Of Expertis: -

Total Erning: - \$1024

