

## **React Native :**

### **Environment setup:**

Android Studio, JDK, Node JS, VS Code

### **Creating an expo cli command:**

```
npm install --global expo-cli
```

### **New project using Expo:**

```
npx create-expo-app my-app
```

```
npx expo run:android
```

### **Run the project**

#### **In Android emulator:**

```
npm run android (or)
```

```
npm start ----> a
```

#### **In Expo Go app in Mobile:**

```
npm start ----> Scan QR code from mobile app
```

### **Icons:**

```
npm install --save react-native-vector-icons
```

List of icons link: <https://oblador.github.io/react-native-vector-icons/>

### **Navigation:**

```
npm install @react-navigation/native
```

```
npm install react-native-screens react-native-safe-area-context
```

### **Stack navigation:**

```
npm install @react-navigation/native-stack
```

### **Async storage:**

```
npm install @react-native-async-storage/async-storage
```

### **Camera:**

#### **To take pictures -**

```
Cmd: expo install expo-camera
```

#### **To share pictures -**

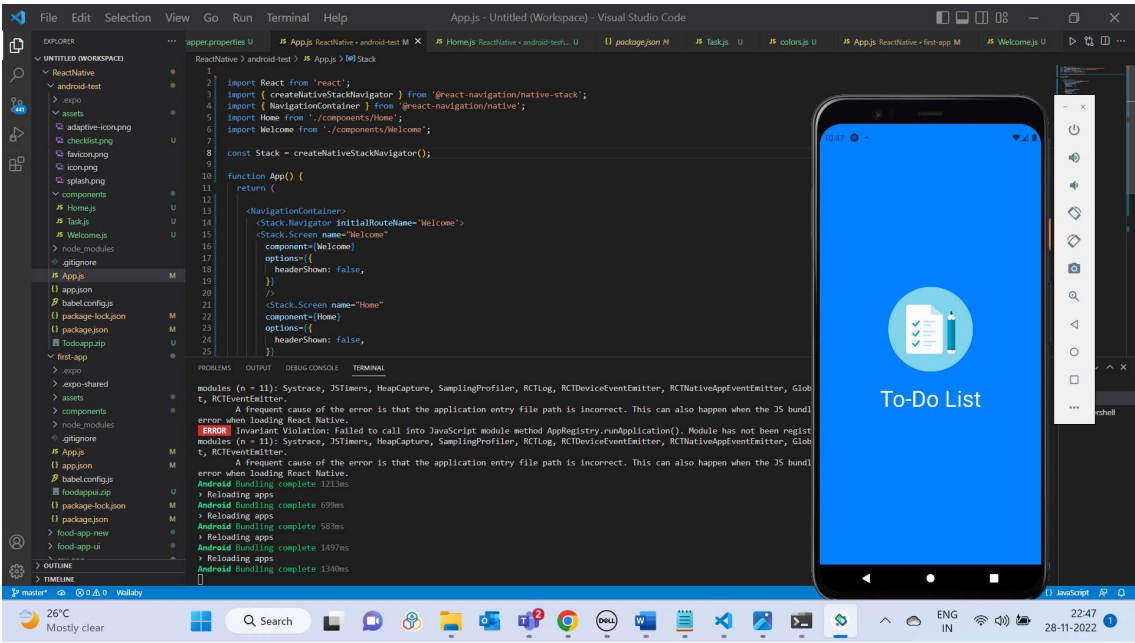
```
Cmd: expo install expo-sharing
```

#### **To save pictures in camera gallery -**

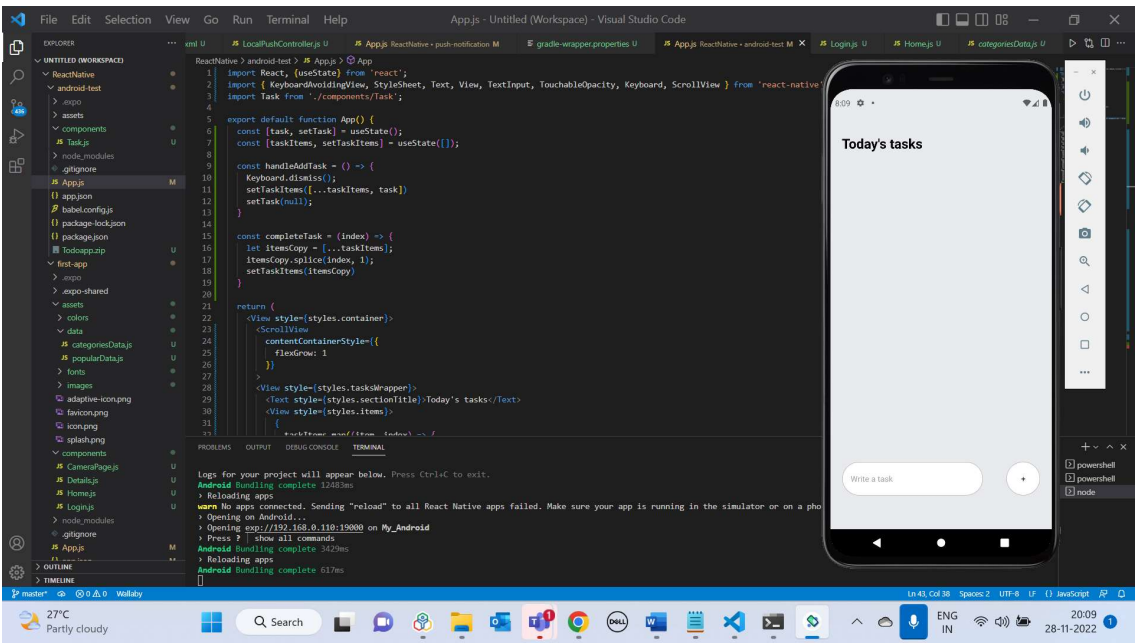
```
Cmd: expo install expo-media-library
```

Sample ToDo List App Output:

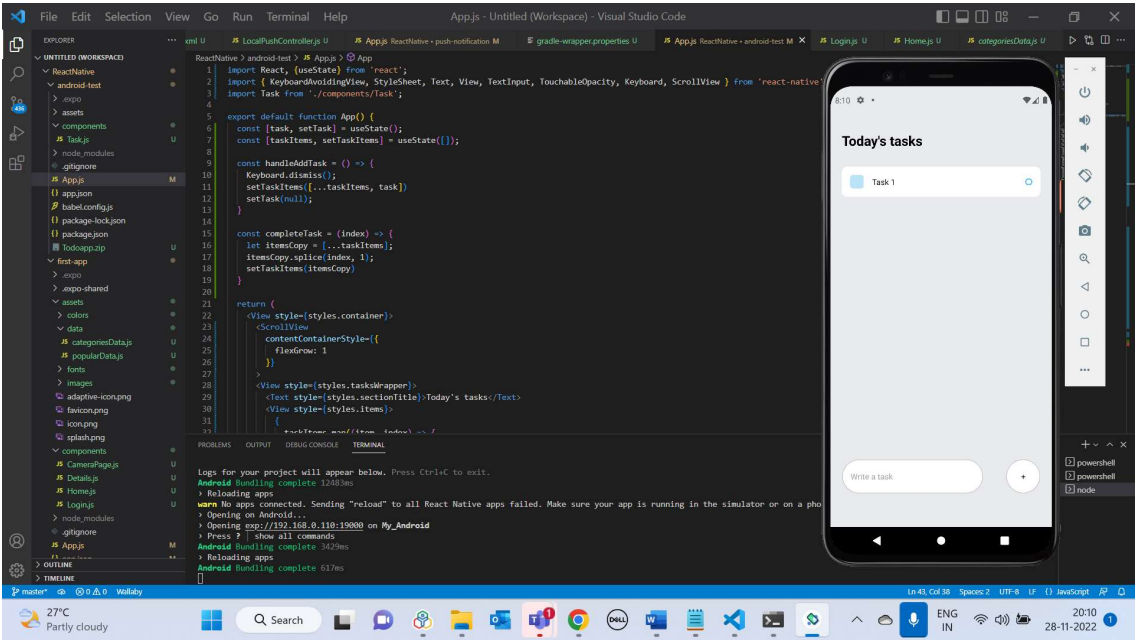
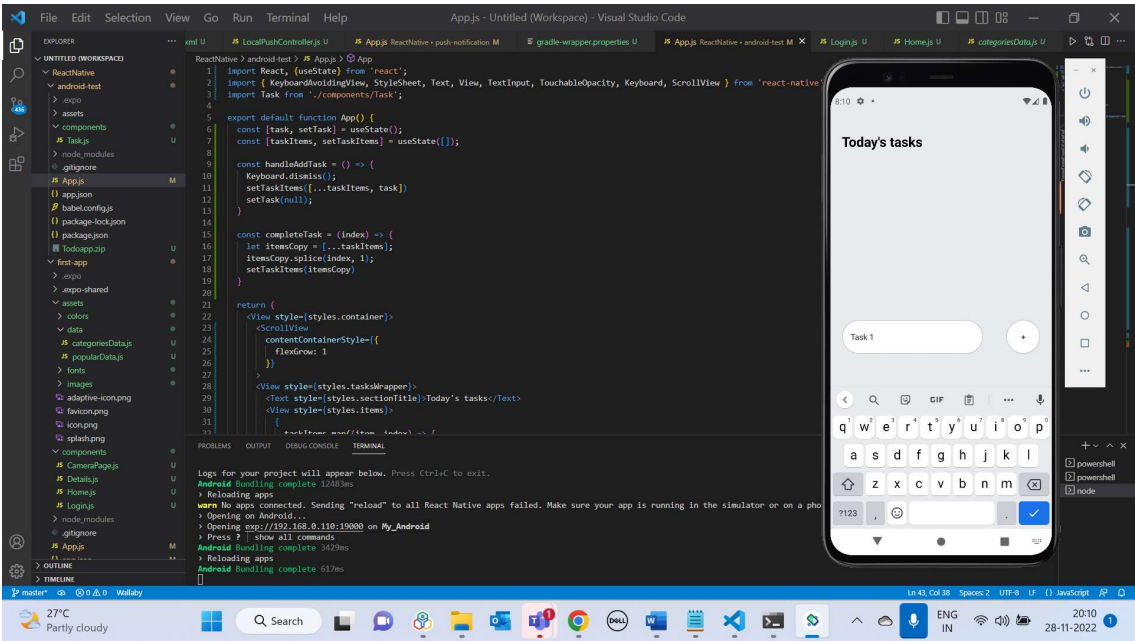
Welcome page:

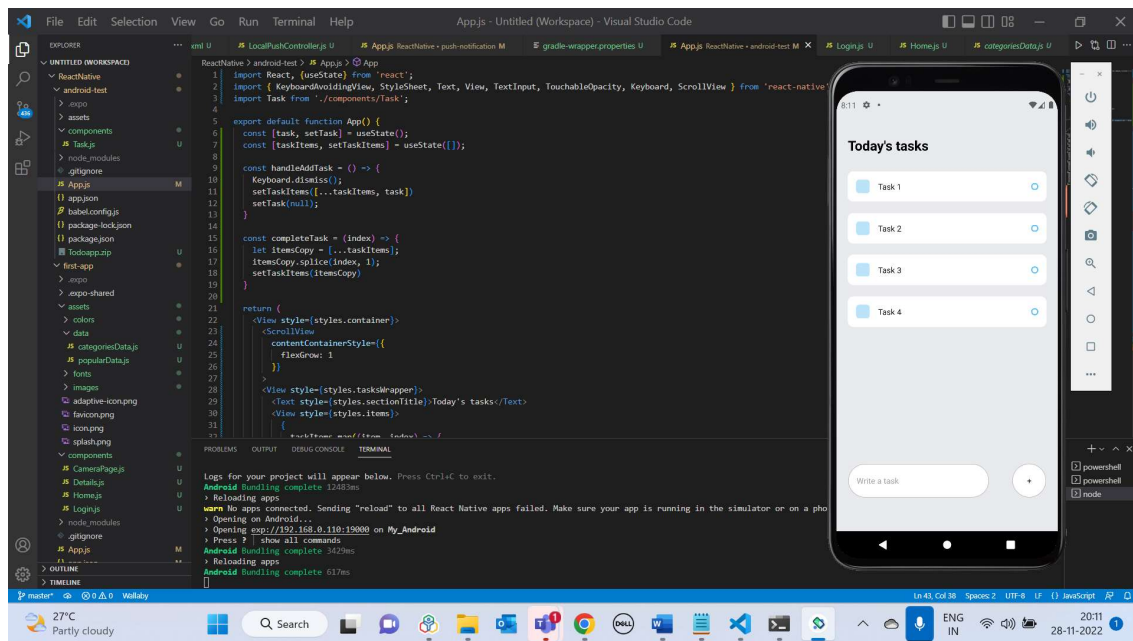


After 5 seconds screen navigates from Welcome page to Home page:

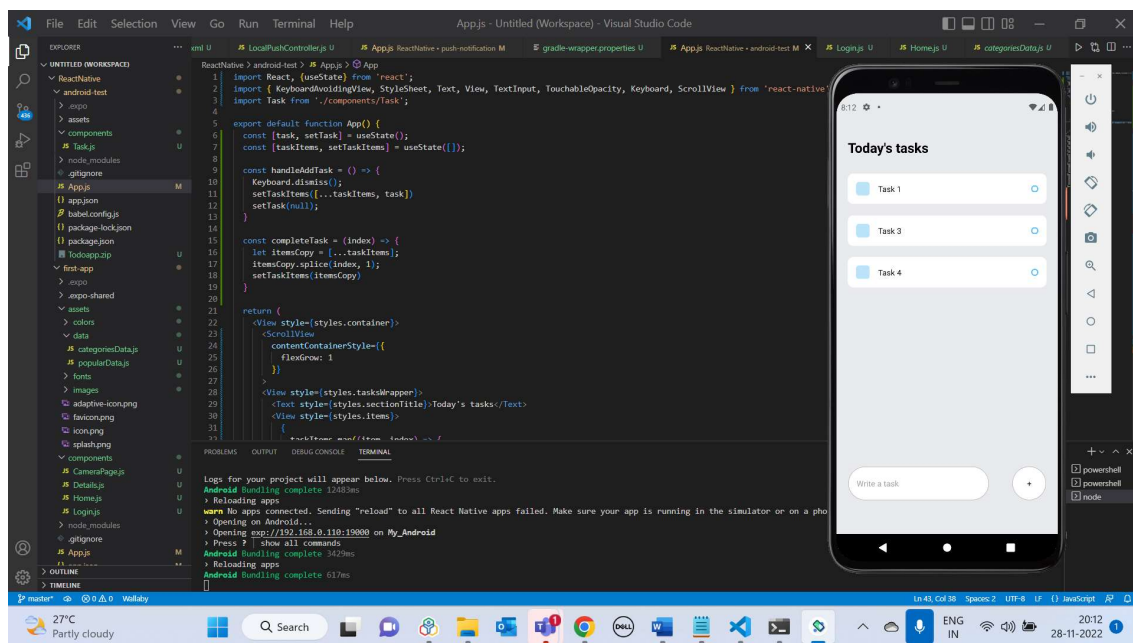


Adding a Task:



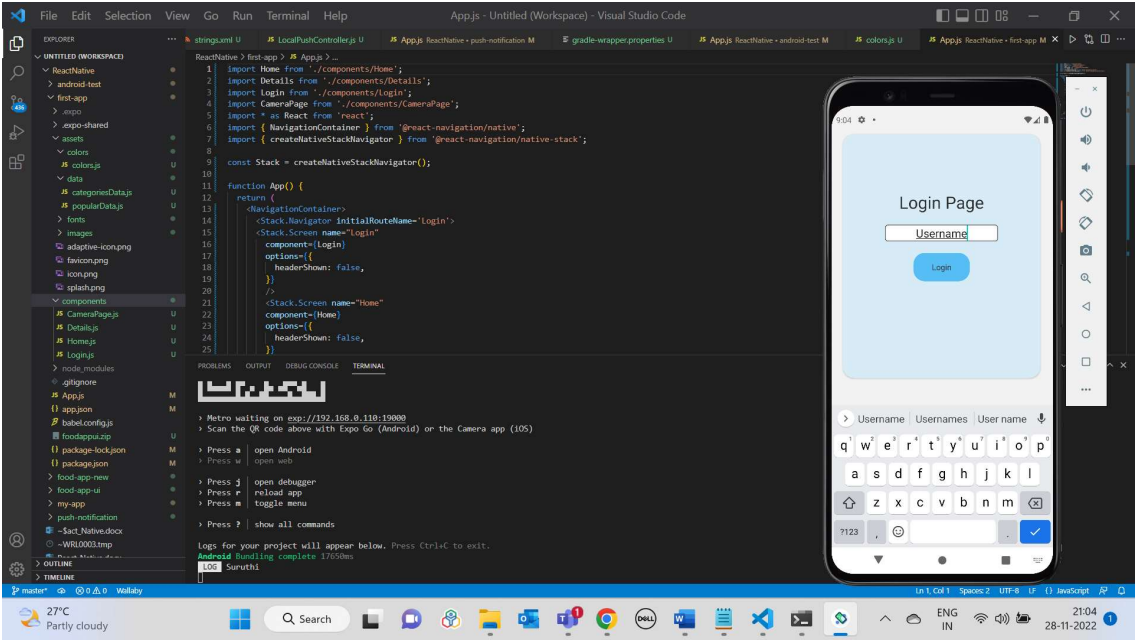


Clicking on the Task deletes the particular task – Task 2 deleted:

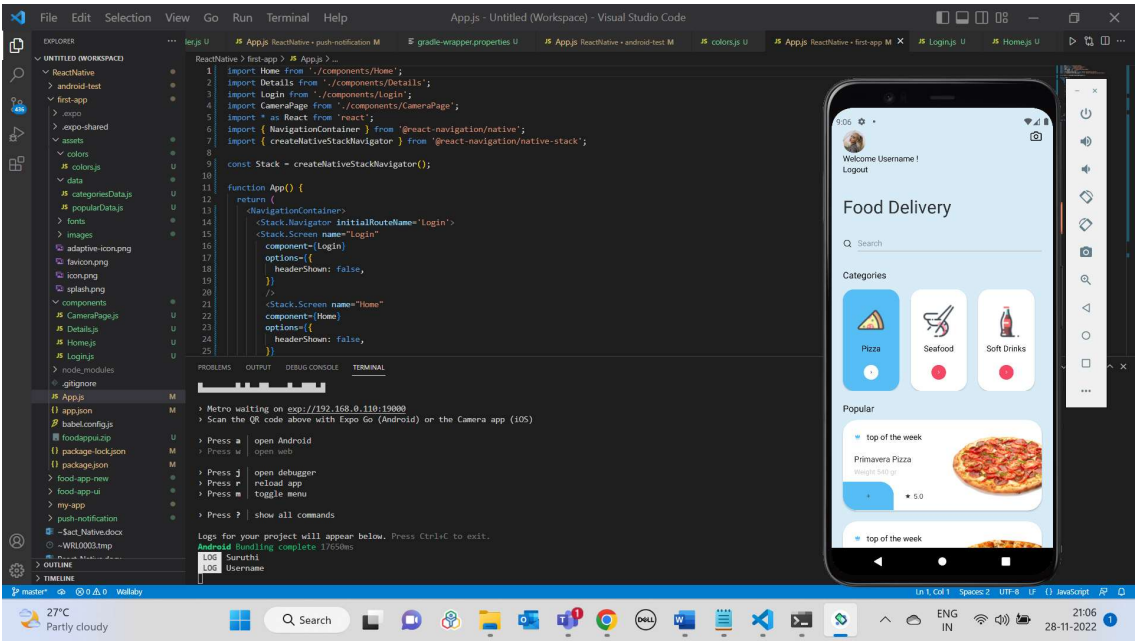


Sample Food App UI output:

Login screen:

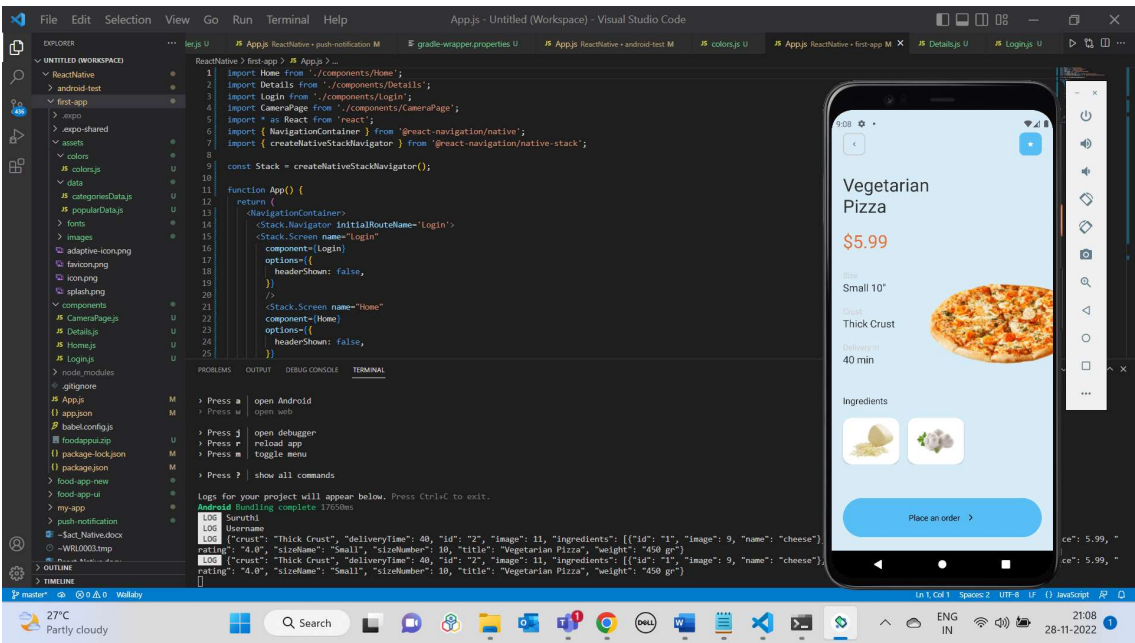
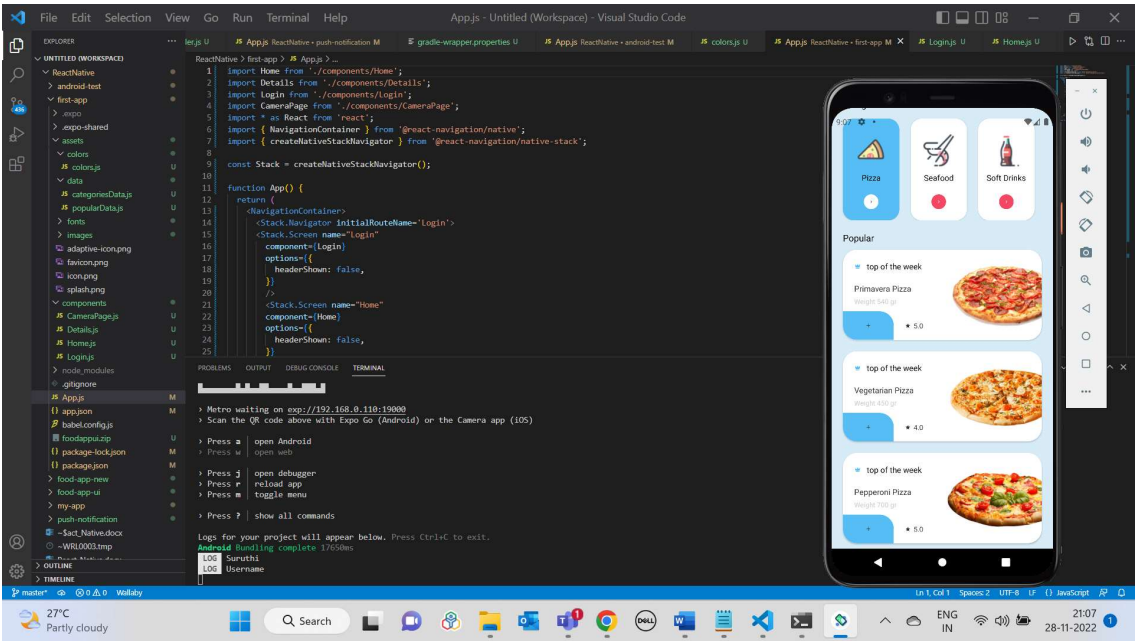


Home Screen:

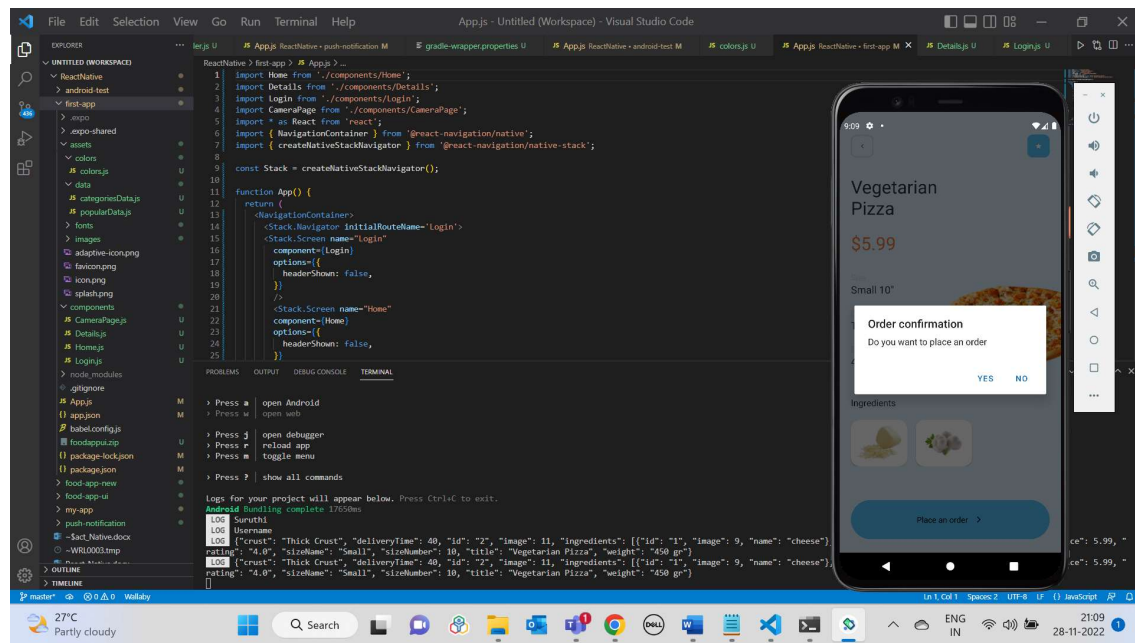




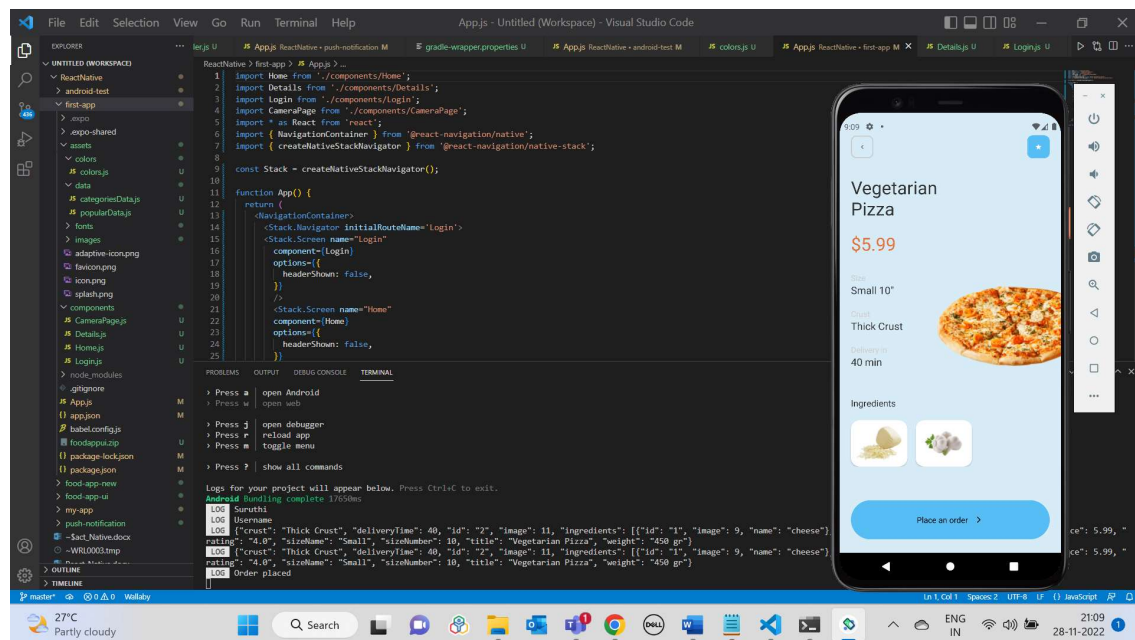
Clicking on an item in Popular list (Logs item details and navigates to Item's details page):



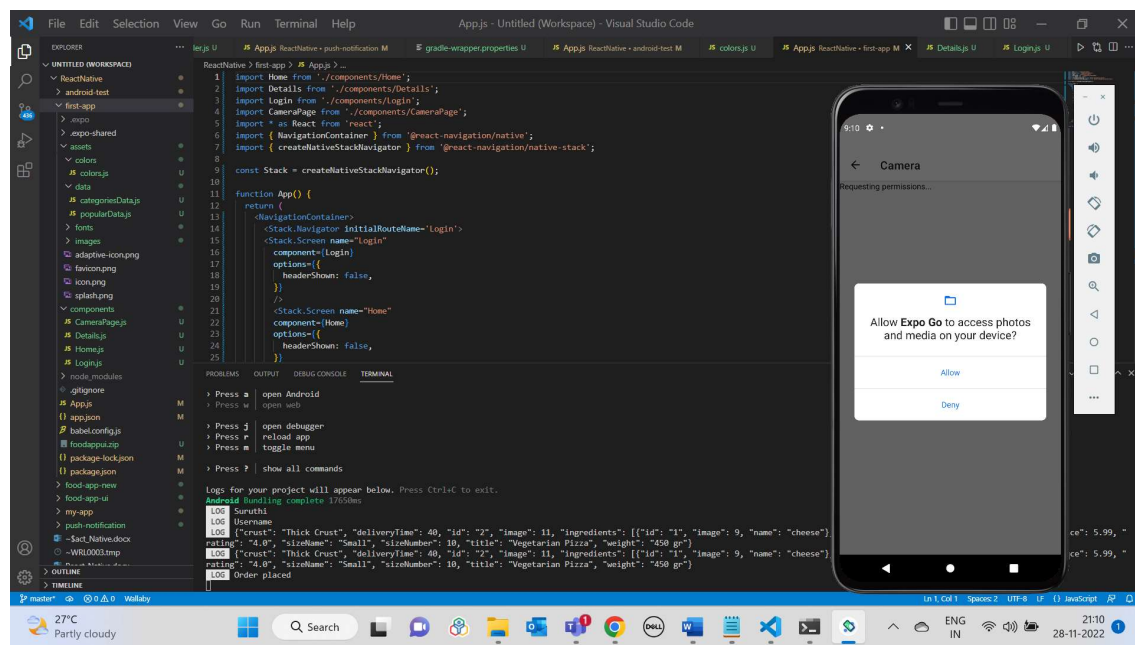
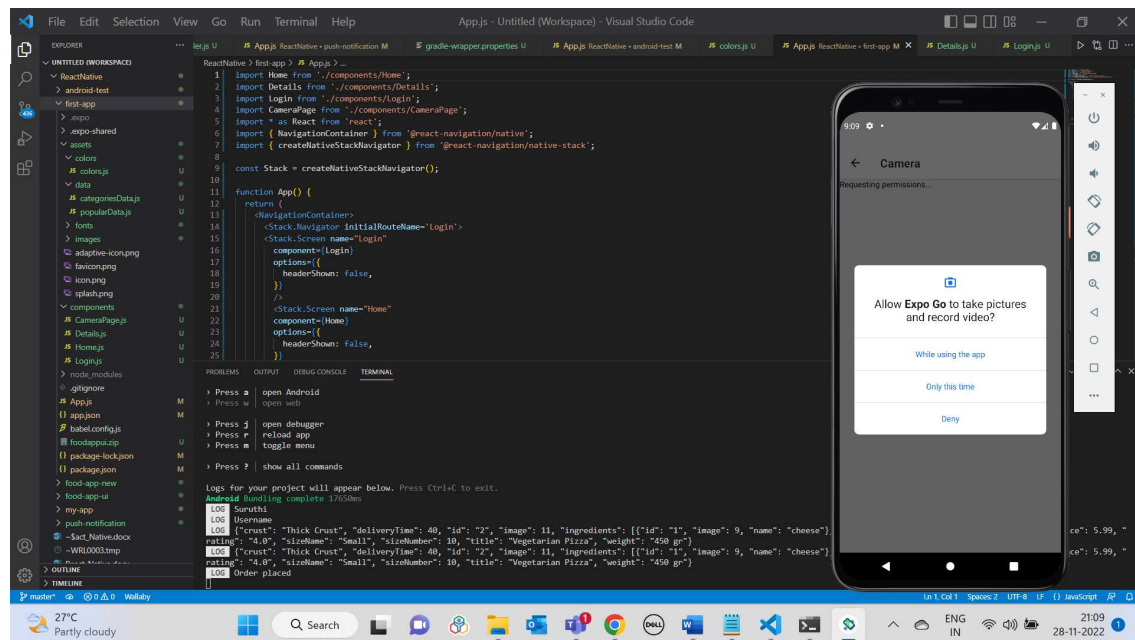
Clicking on Place an Order button:



Clicking on Yes (Logs "Order placed"):

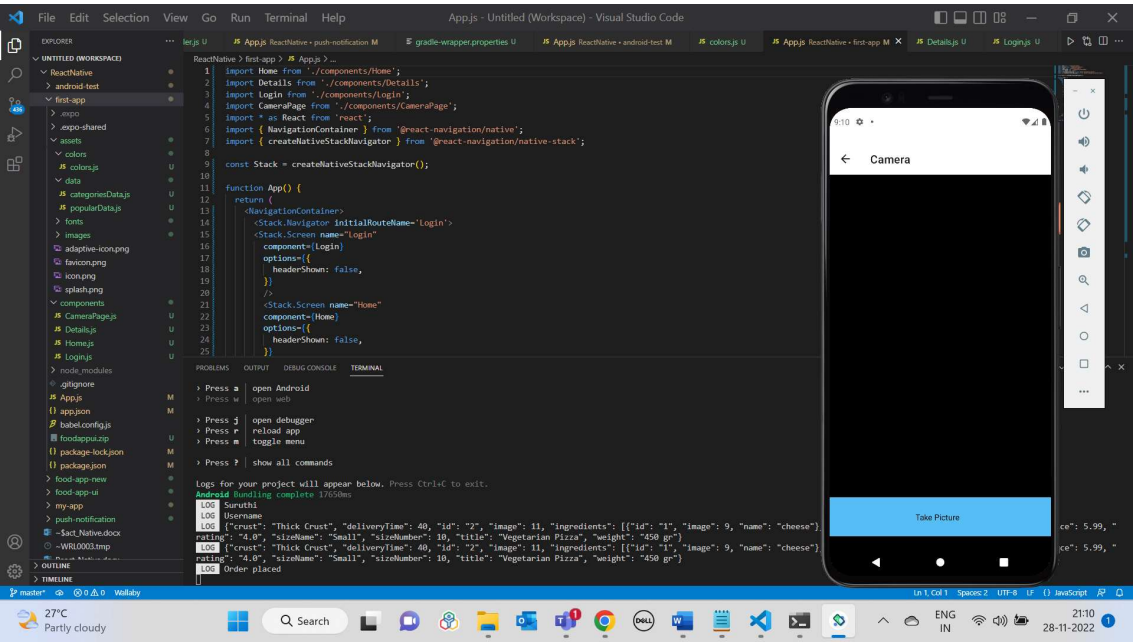


## Camera button in Home screen:

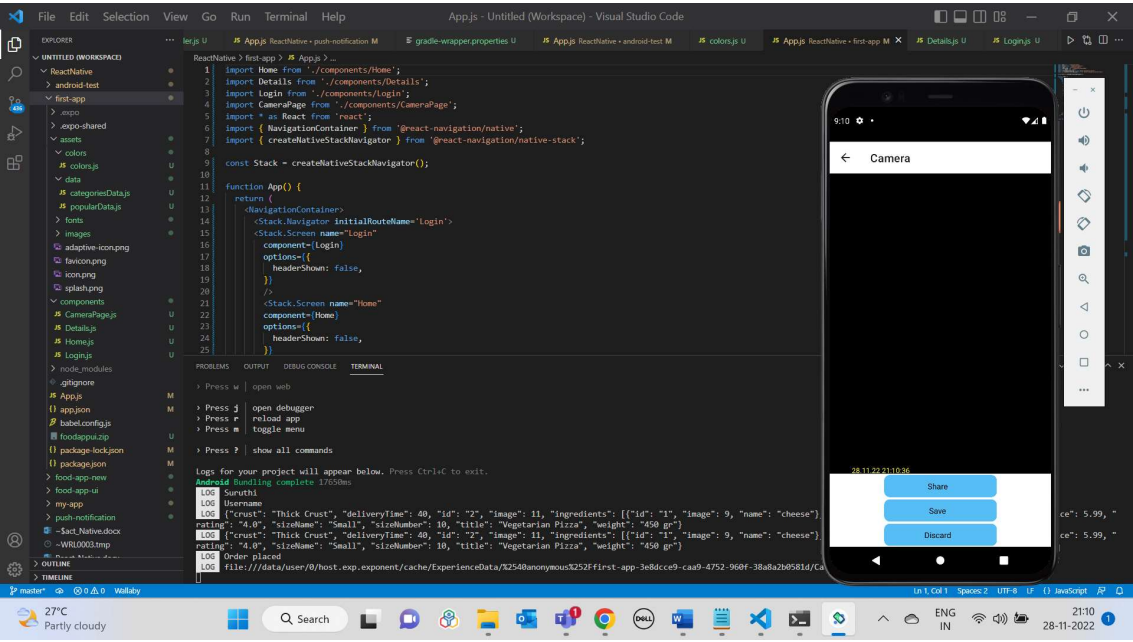




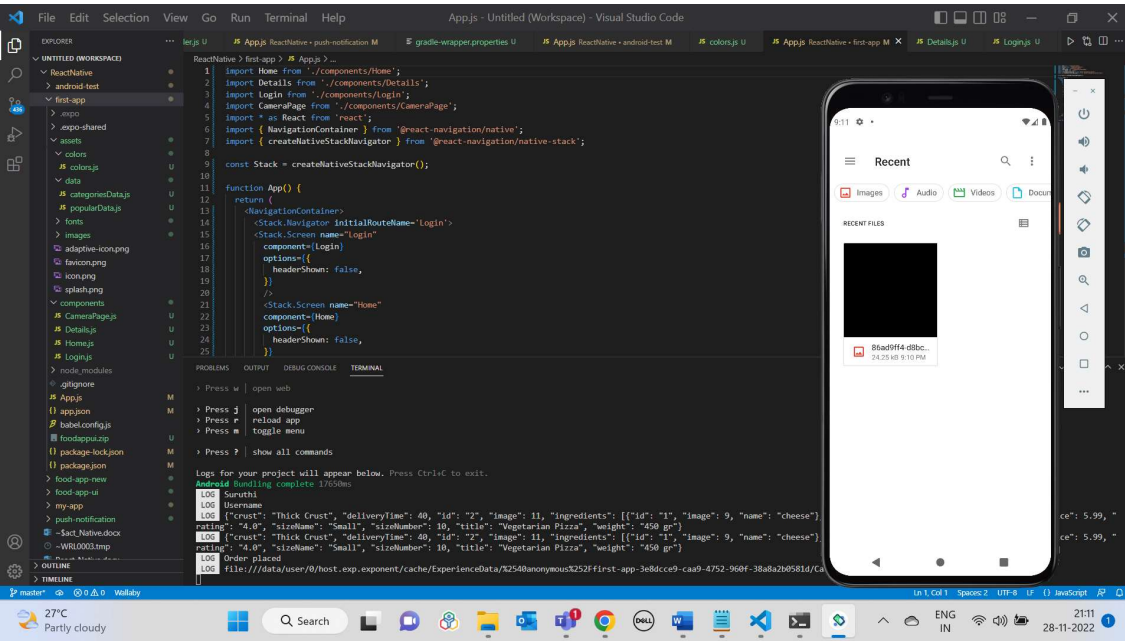
Clicking on Take Picture button:



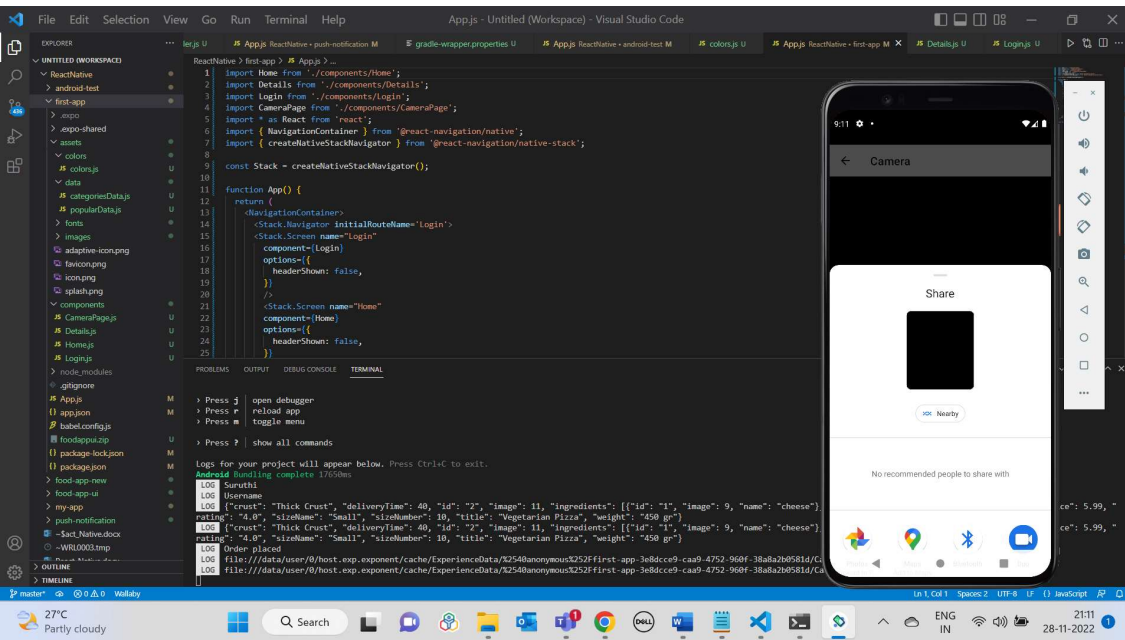
Preview page:



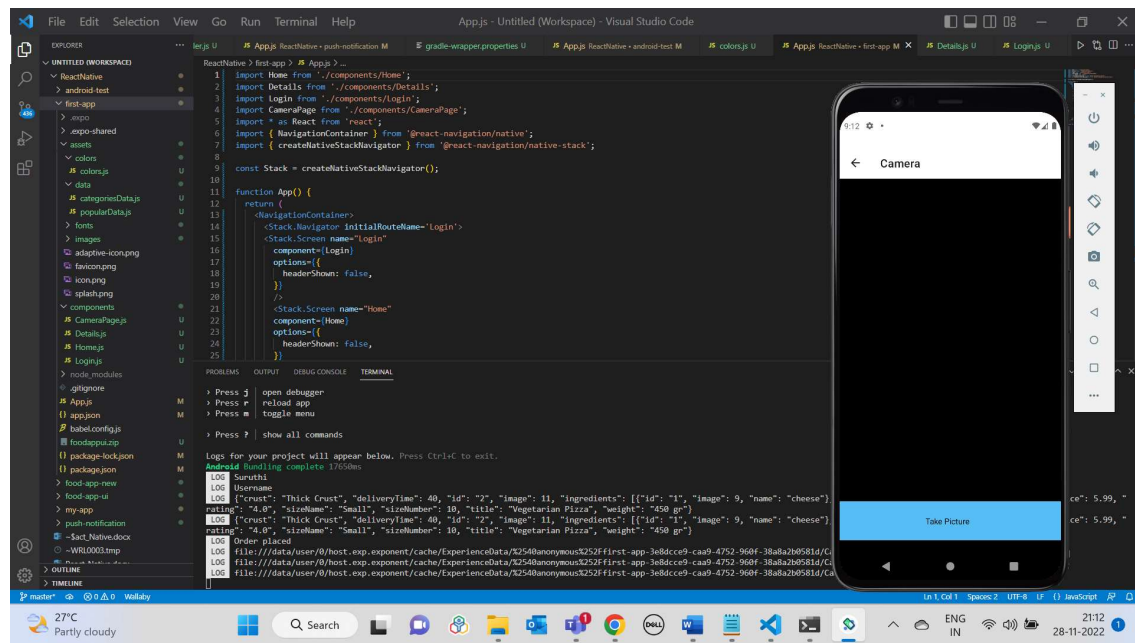
Clicking on Save button in Preview page:



Clicking on Share button:



Clicking on Discard button:



## Videos:

Environment setup:

<https://www.youtube.com/watch?v=foOsrhsblw>

Reference

<https://www.youtube.com/watch?v=ANdSdlIgsEw>

Camera

<https://www.youtube.com/watch?v=4WPjWK0MYMl>

Sample TODO list app (Passing props and Managing states)

<https://www.youtube.com/watch?v=0kL6nhutjQ8>

<https://www.youtube.com/watch?v=00HFzh3w1B8>

Sample food app UI reference (Async Storage, Managing states, Stack Navigation, Camera, Alert)

[https://www.youtube.com/watch?v=jA-R8bJRZPg&list=PLYBvEAka-q1ix8PZE\\_NiPaCy3lpChgGoa](https://www.youtube.com/watch?v=jA-R8bJRZPg&list=PLYBvEAka-q1ix8PZE_NiPaCy3lpChgGoa)