UNIVERSITY OF ENGINEERING & TECHNOLOGY, TAXILA

DEPARTMENT OF SOFTWARE ENGINEERING

Mobile Application Development (Quiz 02)

SUBMITTED BY

Hina Azhar (21-SE-51)

SUBMITTED TO

Dr. Kanwal Yousaf

COURSE

MAD

SECTION

Alpha

Date:25, 04 , 2024
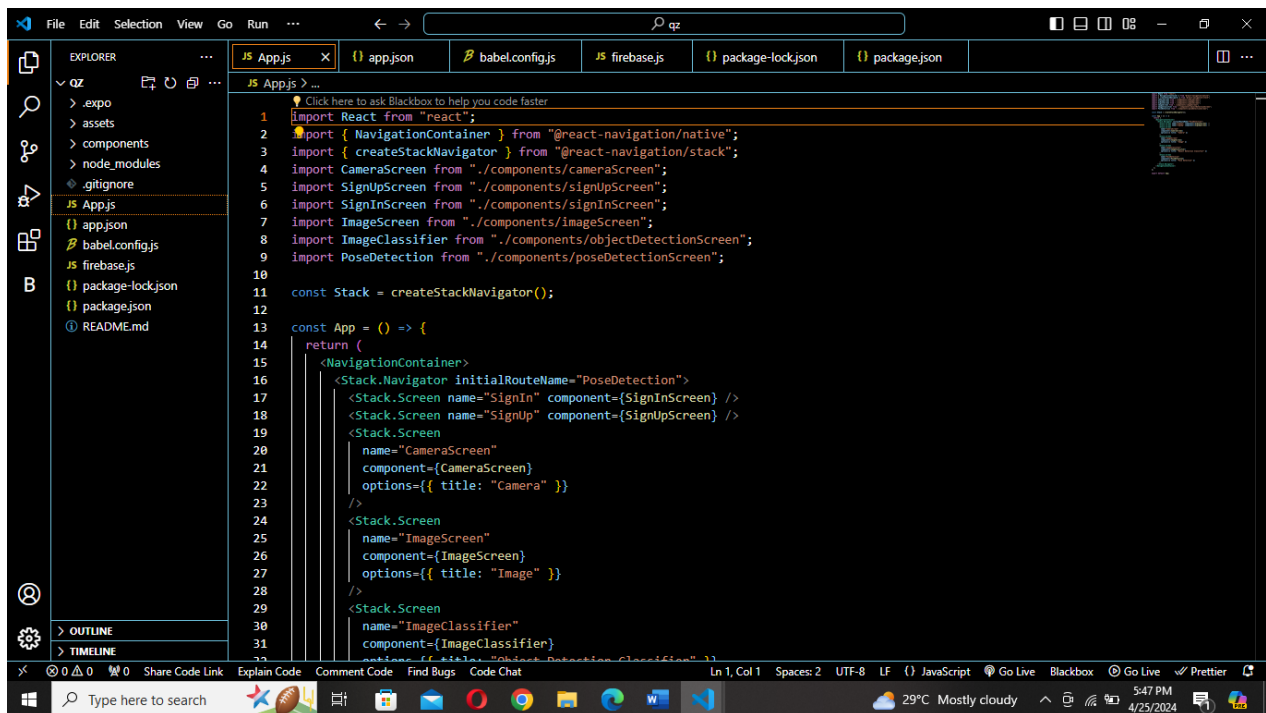
Question # 1:

Solution :

App.js

I will add this part in this

```
<Stack.Screen
        name="PoseDetection"
        component={PoseDetection}
        options={{ title: "Pose Detection" }}
    />
```



```
import React from "react";
import { NavigationContainer } from "@react-navigation/native";
import { createStackNavigator } from "@react-navigation/stack";
import CameraScreen from "./components/cameraScreen";
import SignUpScreen from "./components/signUpScreen";
import SignInScreen from "./components/signInScreen";
import ImageScreen from "./components/imageScreen";
import ImageClassifier from "./components/objectDetectionScreen";
import PoseDetection from "./components/poseDetectionScreen";

const Stack = createStackNavigator();

const App = () => {
  return (
    <NavigationContainer>
      <Stack.Navigator initialRouteName="PoseDetection">
        <Stack.Screen name="SignIn" component={SignInScreen} />
        <Stack.Screen name="SignUp" component={SignUpScreen} />
        <Stack.Screen
          name="CameraScreen"
          component={CameraScreen}
          options={{ title: "Camera" }}
        />
        <Stack.Screen
          name="ImageScreen"
          component={ImageScreen}
          options={{ title: "Image" }}
        />
        <Stack.Screen
          name="ImageClassifier"
          component={ImageClassifier}
```

```javascript
13      const App = () => {
17              <Stack.Screen name="SignIn" component={SignInScreen} />
18              <Stack.Screen name="SignUp" component={SignUpScreen} />
19              <Stack.Screen
20                name="CameraScreen"
21                component={CameraScreen}
22                options={{ title: "Camera" }}
23              />
24              <Stack.Screen
25                name="ImageScreen"
26                component={ImageScreen}
27                options={{ title: "Image" }}
28              />
29              <Stack.Screen
30                name="ImageClassifier"
31                component={ImageClassifier}
32                options={{ title: "Object Detection Classifier" }}
33              />
34              <Stack.Screen
35                name="PoseDetection"
36                component={PoseDetection}
37                options={{ title: "Pose Detection" }}
38              />
39            </Stack.Navigator>
40          </NavigationContainer>
41        );
42      };
43
44      export default App;
45
```

App.json


```json
1  {
2    "expo": {
3      "name": "Lecture10-2024",
4      "slug": "Lecture10-2024",
5      "version": "1.0.0",
6      "orientation": "portrait",
7      "icon": "./assets/icon.png",
8      "userInterfaceStyle": "light",
9      "splash": {
10       "image": "./assets/splash.png",
11       "resizeMode": "contain",
12       "backgroundColor": "#ffffff"
13     },
14     "assetBundlePatterns": [
15       "**/*"
16     ],
17     "ios": {
18       "supportsTablet": true
19     },
20     "android": {
21       "adaptiveIcon": {
22         "foregroundImage": "./assets/adaptive-icon.png",
23         "backgroundColor": "#ffffff"
24       }
25     },
26     "web": {
27       "favicon": "./assets/favicon.png"
28     }
29   }
30 }
31
```

Firebase:

I change me firebase.

```
const firebaseConfig = {
  apiKey: "AIzaSyBWGaoQTq5YUDmL_lwZkXeXbah9MBjwfOI",
  authDomain: "mlkit-86acc.firebaseapp.com",
  projectId: "mlkit-86acc",
  storageBucket: "mlkit-86acc.appspot.com",
  messagingSenderId: "191346997120",
  appId: "1:191346997120:web:81d3163b9fa5e6f02d7365",
};
```

I add resnet 50 model in this .

Output: