

INSTRUCTIONS:

Goal of the Project:

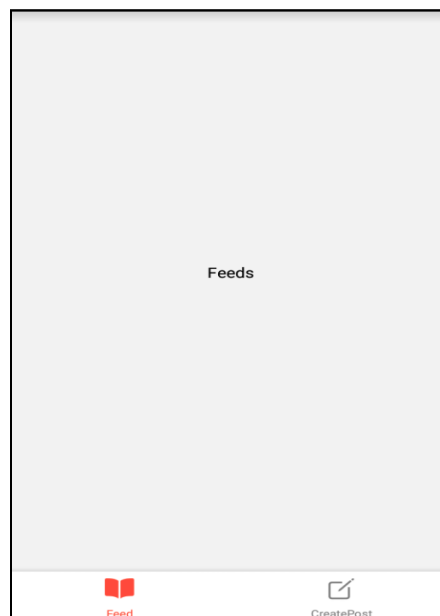
In Class 81, we learned to create the blueprints for the storytelling app. We have also learned to create two different screens and add them to the tab navigator.

In this project, you will practice the concepts learned in the class.

Story:

Jenny is a photographer. She wants to share pictures taken by her with others. At the same time, she wants to create a space for others to share their talent too. She has decided to create a social media app. She has asked for your help to create an app.

Guide Jenny to set up the project and name it as spectagram and create the blueprints for the app.



This is just for your reference. We expect you to apply your own creativity to the project.

Getting Started:

1. Setup a new project using expo command `expo init spectagram`.
2. Open it in VS Code Editor.

Specific Tasks to complete the Project:

1. Create a screens folder.
2. Inside the screens folder:
 - a. Create a `CreatePost.js` file and write code to display simple create post text.
 - b. Create a `Feed.js` file and write code to display simple feed text.
 - c. Create a `Profile.js` file and write code to display simple Profile text.
3. Install the Tab Navigator library using **`npm install react-navigation/bottom-tabs`**
 - i. Or **`yarn add @react-navigation/bottom-tabs`**.
4. Create a **navigation** folder.
5. Inside this folder, create a `TabNavigator.js` file. In this file:
 - a. Import the **`CreateBottomNavigator`** component from **`react navigation/bottom-tabs`**.
 - b. Import the feed and createPost screens.
 - c. Inside the file create a **`TabNavigator`** component and pass both the files on it.
 - i. (see Hint 1)
6. Install the **`DrawerNavigation`** using **`npm install @react-navigation/drawer`**
 - i. or **`yarn add @react-navigation/drawer`**.
7. In the navigation folder create a `DrawerNavigation.js` file.
8. Inside the `DrawerNavigation` file import the **`CreateDrawerNavigator`** component from **`react-navigation/drawer`**.
9. Create a **`DrawerNavigator`** component and pass the **`TabNavigator`** and profile screen to it. (see hint 2)
10. Run the app to test the code.

Submitting the Project:

1. Upload your completed project to your own GitHub account.
2. Create a new repository named **Project 81**.
3. **Upload** your project code to this GitHub repository.
4. Submit the published link of the project in the Student Dashboard.

Hints:

1. Code for Bottom Tab Navigator.

```
import React from 'react';
import { createBottomTabNavigator } from '@react-navigation/bottom-tabs';
import Ionicons from 'react-native-vector-icons/Ionicons';
import Feed from "../screens/Feed";
import CreatePost from "../screens/CreatePost";

const Tab = createBottomTabNavigator();

const BottomTabNavigator = () => {
  return (
    <Tab.Navigator
      screenOptions={({ route }) => ({
        tabBarIcon: ({ focused, color, size }) => {
          let iconName;
          if (route.name === 'Feed') {
            iconName = focused
              ? 'book'
              : 'book-outline';
          } else if (route.name === 'CreatePost') {
            iconName = focused ? 'create' : 'create-outline';
          }
          return <Ionicons name={iconName} size={size} color={color} />;
        },
      })
      tabBarOptions={{
        activeTintColor: 'tomato',
        inactiveTintColor: 'gray',
      }}
    >
      <Tab.Screen name="Feed" component={Feed} />
      <Tab.Screen name="CreatePost" component={CreatePost} />
    </Tab.Navigator>
  );
}

export default BottomTabNavigator
```

2. Code for drawer navigator.

```
import React from "react";
import { createDrawerNavigator } from "@react-navigation/drawer";
import TabNavigator from "../TabNavigator";
import Profile from "../screens/Profile";

const Drawer = createDrawerNavigator();

const DrawerNavigator = () => {
  return (
    <Drawer.Navigator>
      <Drawer.Screen name="Home" component={TabNavigator} />
      <Drawer.Screen name="Profile" component={Profile} />
    </Drawer.Navigator>
  );
};

export default DrawerNavigator;
```

REMEMBER...

Try your best, that's more important than being correct.

After submitting your project your teacher will send you feedback on your work.

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