

**MOBILE APPLICATION DEVELOPMENT THEORY ASSIGNMENT 02**

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**CLASS:**

**BCS-6B**

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# CODE

|  |
| --- |
| import React from "react"; import {  View,  ScrollView,  Text,  TouchableOpacity,  TextInput,  StyleSheet,  Image,  Button,  } from "react-native"; import { NavigationContainer } from "@react-navigation/native"; import { createDrawerNavigator } from "@react-navigation/drawer"; import { createStackNavigator } from "@react-navigation/stack"; import { createMaterialTopTabNavigator } from "@react-navigation/material-toptabs"; const TopTab = createMaterialTopTabNavigator(); const Stack = createStackNavigator(); const Drawer = createDrawerNavigator();  function SigninScreen({ navigation }) { return (  <View style={styles.container}>  <Text style={styles.mainHeading}>Login</Text>  <TextInput style={styles.inputFields} placeholder="Enter Your Email" ></TextInput> <TextInput  style={styles.inputFields} placeholder="Enter Your Password"  ></TextInput>  <TouchableOpacity onPress={() => navigation.navigate("Home")}>  <Text style={styles.signinbtn}>Login</Text>  </TouchableOpacity>  </View>  );  } |

function HomeScreen() {

|  |
| --- |
| return (  <Drawer.Navigator initialRouteName="DrawerHome">  <Drawer.Screen name="DrawerHome" component={DrawerHomeScreen} options={{ title: "Social Apps", headerTintColor: "crimson" }} />  <Drawer.Screen name="Instagram" component={InstagramScreen} />  </Drawer.Navigator>  );  } function DrawerHomeScreen() { return (  <View style={styles.container}>  <Text style={styles.homeText}>Connects your friends and family</Text>  </View>  );  } function InstagramScreen() { return (  <TopTab.Navigator initialRouteName="Home">  <TopTab.Screen name="Home" component={InstaHome}></TopTab.Screen>  <TopTab.Screen name="Search" component={SearchScreen}></TopTab.Screen>  <TopTab.Screen name="Profile" component={InstagramProfile}  ></TopTab.Screen>  </TopTab.Navigator>  );  }  function InstaHome() { return (  <ScrollView style={{ margin: "20px" }}>  <Text style={{ fontSize: 32, fontStyle: "italic", fontWeight: "700" }}> Instagram |

</Text>

<Image style={{ width: 30, height: 30,

position: "absolute",

right: "45px", top: "7px", }}

|  |
| --- |
| source={require("./assets/images/download.png")}  ></Image> <Image style={{ width: 30, height: 30, position: "absolute", right: "5px", top: "7px",  borderRadius: "100%",  }} source={require("./assets/images/mesenger.png")} ></Image>    <View style={{ flex: 1, flexDirection: "row",  justifyContent: "space-around",  }}  >  <View style={{ marginTop: "15px" , alignItems: "center" }}>  <View style={styles.dpContainer}>  <Image style={{ width: "80px", height: "80px", borderRadius: "100%" }} source={require("./assets/images/aamir-DP.png")}  ></Image>  </View>  <Text style={{ fontSize: "13px" }}>Your Story</Text>  </View>    <View style={{ marginTop: "15px" , alignItems: "center" }}>  <Image  style={{ width: "80px", height: "80px", borderRadius: "100%" }} source={require("./assets/images/elizabeth.jpg")} ></Image>  <Text style={{ fontSize: "13px" }}>Elizabeth</Text>  </View>  <View style={{ marginTop: "15px" , alignItems: "center"}}> |

<View style={styles.dpContainer}>

<Image

style={{ width: "80px", height: "80px", borderRadius: "100%" }}

|  |
| --- |
| source={require("./assets/images/Alexis.jpg")}  ></Image>  </View>  <Text style={{ fontSize: "13px" }}>Alexis</Text>  </View>  <View style={{ marginTop: "15px" , alignItems: "center"}}>  <View style={styles.dpContainer}>  <Image style={{ width: "80px", height: "80px", borderRadius: "100%" }} source={require("./assets/images/elizabeth.jpg")}  ></Image>  </View>  <Text style={{ fontSize: "13px" }}>Elizabeth</Text>  </View>  </View>    <View style={{ marginTop: "15px" }}> <Image style={{ width: 40, height: 40, borderRadius: "100%" }} source={require("./assets/images/elizabeth.jpg")} ></Image>  <Text style={{ position: "absolute", left: "50px", top: "8px" }}>  Elizabeth  </Text> <Text style={{ position: "absolute", right: "32px", top: "-10px", fontSize: "30px",  }}  > ...  </Text> <Image  style={{ width: "100%", height: "400px", marginTop: "10px" }} source={require("./assets/images/blind-dog.jpg")} |

></Image>

<TouchableOpacity style={{ flex: 1,

flexDirection: "row",

justifyContent: "space-around",

alignItems: "center", borderWidth: 1, backgroundColor: "crimson",

|  |
| --- |
| }}  > <Text style={{ fontWeight: "bold", color: "#fff", padding: "3px",  width: "120px", textAlign: "center",  }}  >  Like  </Text> <Text style={{ fontWeight: "bold", color: "#fff", padding: "3px",  width: "120px", textAlign: "center",  }}  >  Comment  </Text>  </TouchableOpacity>  </View>    <View style={{ marginTop: "15px" }}>  <Image style={{ width: 40, height: 40, borderRadius: "100%" }} source={require("./assets/images/Alexis.jpg")}  ></Image>  <Text style={{ position: "absolute", left: "50px", top: "8px" }}> |

Alexis

</Text> <Text style={{ position: "absolute",

right: "32px",

top: "-12px",

fontSize: "30px",

}}

>

|  |
| --- |
| ...  </Text> <Image style={{ width: "100%", height: "400px", marginTop: "10px" }} source={require("./assets/images/drake-meme.jpg")} ></Image>    <TouchableOpacity style={{ flex: 1, flexDirection: "row", justifyContent: "space-around", alignItems: "center", borderWidth: 1, backgroundColor: "crimson",  }}  > <Text style={{ fontWeight: "bold", color: "#fff", padding: "3px", width: "120px", textAlign: "center",  }}  >  Like  </Text> <Text style={{  fontWeight: "bold", color: "#fff", padding: "3px", width: "120px", textAlign: "center", |

}}

>

Comment

</Text>

</TouchableOpacity>

</View>

<View style={{ marginTop: "15px" }}>

<Image style={{ width: 40, height: 40, borderRadius: "100%" }}

|  |
| --- |
| source={require("./assets/images/aamir-DP.png")}  ></Image>  <Text style={{ position: "absolute", left: "50px", top: "8px" }}>  Aamir  </Text> <Text style={{ position: "absolute", right: "32px", top: "-12px", fontSize: "30px",  }}  > ...  </Text> <Image style={{ width: "100%", height: "700px", marginTop: "10px" }} source={require("./assets/images/insta-posts.jpg")} ></Image>    <TouchableOpacity style={{ flex: 1, flexDirection: "row", justifyContent: "space-around", alignItems: "center", borderWidth: 1,  backgroundColor: "crimson",  }}  > <Text style={{  fontWeight: "bold", color: "#fff", padding: "3px", |

width: "120px", textAlign: "center",

}}

>

Like

</Text>

<Text style={{ fontWeight: "bold", color: "#fff",

|  |
| --- |
| padding: "3px", width: "120px", textAlign: "center",  }}  >  Comment  </Text>  </TouchableOpacity>  </View>  </ScrollView>  );  } function SearchScreen() { return (  <ScrollView style={{ margin: "20px" }}>  <TextInput placeholderTextColor={"grey"} placeholder="Search" style= {styles.searchBar}  ></TextInput>    <View style={styles.searchPicContainer}>  <Image style={{ width: "50%" , height: "200px" }} source={require("./assets/images/fleets.jpg")}  ></Image> <Image  style={{ width: "50%" , height: "220px" }}  source={require("./assets/images/drake-meme.jpg")}  ></Image>  </View>    <View style={styles.searchPicContainer}>  <Image style={{ width: "50%" , height: "250px" }}  source={require("./assets/images/insta-posts.jpg")}  ></Image> <Image style={{ width: "50%" , height: "200px"}} source={require("./assets/images/blind-dog.jpg")} |

></Image> </View>

<View style={styles.searchPicContainer}>

<Image style={{ width: "50%" , height: "200px"}} source={require("./assets/images/search-2.jpg")}

|  |
| --- |
| ></Image> <Image style={{ width: "50%", height: "300px" }} source={require("./assets/images/search-1.jpg")}  ></Image> </View>  </ScrollView>  );  } function InstagramProfile() { return (  <ScrollView>  <Text style={{fontSize: 23, fontWeight: "800" , marginTop: 10  ,marginBottom: 10, marginLeft: 10}}>AamirHabib17</Text>  <View style={{ flex: 1, flexDirection: "row" }}>  <Image style={{ width: 80, height: 80 , marginLeft: 10 , borderRadius:  "100%"}} source={require("./assets/images/aamir-DP.png")}  ></Image>  <View style={{marginLeft: "25px" , flexDirection: "row"}}>  <View style={{marginTop : "10px", marginLeft: "25px"}}>  <Text style={{fontWeight: "500"}}>26</Text>  <Text style={{fontWeight: "500"}}>Posts</Text>  </View>  <View style={{marginTop : "10px", marginLeft: "25px"}}>  <Text style={{fontWeight: "500"}}>387</Text>  <Text style={{fontWeight: "500"}}>Followers</Text>  </View>  <View style={{marginTop : "10px", marginLeft: "25px"}}>  <Text style={{fontWeight: "500"}}>1,548</Text>  <Text style={{fontWeight: "500"}}>Following</Text> |

</View>

</View>

</View>

<View>

<Text style={{marginLeft: 10 , fontWeight: "500"}}>Aamir Habib</Text>

|  |
| --- |
| <Text style={{marginLeft: 10 , fontWeight: "500"}}>Student</Text>  <Text style={{marginLeft: 10 , fontWeight: "500"}}>Comsian</Text>  <Text style={{marginLeft: 10 , fontWeight: "500"}}>Ex Fazaian</Text>  <Text style={{marginLeft: 10 , fontWeight: "500"}}>Dream PMA</Text>  <Text style={{marginLeft: 10 , fontWeight: "500"}}>Death Before  Disgrace</Text>  </View>    <TouchableOpacity style={{ flexDirection: "row", justifyContent: "space-around", marginTop: 15, marginBottom: 15, backgroundColor: "black", height: 40,  alignItems: "center"      }}  >  <Text style={{color: "white"}}>Edit Profile</Text>  <Text style={{color: "white"}}>Share Profile</Text>  </TouchableOpacity>    <View style={{ flex: 1, flexDirection: "row", justifyContent: "space-around", marginTop : 5, marginBottom : 5  }}  > <Image  style={{ width: "50%", height: "200px" }} source={require("./assets/images/aamir-2.png")}  ></Image> <Image  style={{ width: "50%", height: "200px" }} source={require("./assets/images/aamir-4.png")} |

></Image>

</View>

<View style={{

flex: 1,

flexDirection: "row", justifyContent: "space-around", marginTop : 5,

|  |
| --- |
| marginBottom : 5  }}  > <Image style={{ width: "50%", height: "200px" }} source={require("./assets/images/aamir-3.png")}  ></Image> <Image style={{ width: "50%", height: "200px" }} source={require("./assets/images/aamir-DP.png")}  ></Image>  </View>    <View style={{ flex: 1, flexDirection: "row", justifyContent: "space-around", marginTop : 5, marginBottom : 5  }}  > <Image style={{ width: "50%", height: "200px" }} source={require("./assets/images/aamir-2.png")}  ></Image> <Image  style={{ width: "50%", height: "200px" }} source={require("./assets/images/aamir-4.png")}  ></Image>  </View> |

</ScrollView>

);

} const App = () => {

return (

<NavigationContainer>

<Stack.Navigator initialRouteName="Signin" screenOptions={{ headerStyle: { backgroundColor: "crimson", textAlign: "center", flex: 1,

|  |
| --- |
| }, headerTintColor: "#fff", headerTitleStyle: { textAlign: "center", fontWeight: "bold", fontFamily: "Cormorant", fontSize: 20,  },  }}  >  <Stack.Screen name="Signin" component={SigninScreen} options={{ title: "Login" }}  ></Stack.Screen>  <Stack.Screen name="Home" component={HomeScreen}></Stack.Screen>  </Stack.Navigator>  </NavigationContainer>  );  }; export default App;  const styles = StyleSheet.create({ container: { flex: 1,  alignItems: "center", justifyContent: "center",  }, mainHeading: { |

fontSize: "70px", margin: "20px", fontWeight: "bold", fontFamily: "Cormorant", }, inputFields: {

margin: "20px", width: "70%", textAlign: "center", borderWidth: 2, padding: "12px", borderRadius: "20px", fontSize: "18px",

|  |
| --- |
| }, signinbtn: { width: "170px", textAlign: "center", backgroundColor: "crimson", padding: "10px", borderRadius: "20px", color: "#fff", fontSize: "22px", fontFamily: "Cormorant",  }, searchBar:  { width: "95%", borderRadius: "10px", borderColor: "grey", borderWidth: 1, height: 40, padding: 10, marginBottom: 10, color: "grey"  }, searchPicContainer:  { flex: 1, flexDirection: "row"  }  , |

homeText: { fontSize: "30px", fontFamily: "Cormorant", margin: "17px", fontWeight: "bold", fontStyle: "italic",

},

dpContainer:

{ backgroundColor: "crimson", borderRadius: "100%", padding: 3

, }

});

**OUTPUT**

