

EEX3269-Introduction to Mobile application development

Design report 04

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```

1 import React from 'react';
2 import { View, Text, TextInput, Image, StyleSheet, TouchableOpacity, } from 'react-native';
3 import { LinearGradient } from 'expo-linear-gradient';
4 import { NavigationContainer } from '@react-navigation/native';
5 import { createNativeStackNavigator } from '@react-navigation/native-stack';
6
7
8
9 const Stack = createNativeStackNavigator();
10
11 const App = () => {
12   return (
13     <NavigationContainer>
14       <Stack.Navigator>
15         <Stack.Screen
16           name="Login"
17           component={LoginUI}
18         />
19         <><Stack.Screen name="Signup" component={SignUI} /><Stack.Screen name="Home" component={HomePage} /></>
20       </Stack.Navigator>
21     </NavigationContainer>
22   );
23 };
24
25 //login page-----login-
26 const LoginUI = ({ navigation }) => {
27   return (
28     <View style={styles.container}>
29       <Image style={styles.img}
30         source={require('./logo.png')}
31       />
32       <View style={styles.innerContainer}>
33         <TouchableOpacity style={styles.butcommon}> //signup button in login page
34           onPress={() => navigation.navigate('Signup')}
35           <Text style={{
36             color: "#FF0136",
37             left: 130, top: 9,
38           }}>Sign up</Text>
39         </TouchableOpacity>
40         <TouchableOpacity style={styles.butlog}> //login button in login page
41           onPress={() => navigation.navigate('Login')}
42           <Text style={{
43             color: "FFFFFF",
44             left: 35, top: 9,
45           }}>Log In</Text>
46         </TouchableOpacity>
47         <Text
48           style={{
49             color: "#FF0036",
50             fontFamily: 'Inika',
51             top: 80,
52             left: 35,
53           }}>Enter email or username</Text>
54         <Text
55           style={{
56             color: "#FF0036",
57             fontFamily: 'Inika',
58             top: 200,
59             left: 35,
60           }}>Enter password</Text>
61         <TextInput
62           style={styles.input1}></TextInput>
63         <TextInput
64           style={styles.input2}></TextInput>
65         <Text
66           style={{
67             color: "#8280F8",
68             fontFamily: 'Inika',
69             fontSize: 12,
70             top: 250,
71             left: 35,
72           }}>Forget password?</Text>
73         <TouchableOpacity style={styles.butsubmit}> //this button will navigate to home page from login page
74           onPress={() => navigation.navigate('Home')}
75           <Text style={{ color: "FFFFFF", left: 35, top: 9, }}>Submit</Text>
76         </TouchableOpacity>
77       </View>
78     </View>
79   );
80 };
81
82

```

```

1
2 //signup page-----sign up-
3 const SignUI = ({ navigation }) => {
4   return (
5
6     <View style={styles.container}>
7       <Image style={styles.img}
8
9         source={require('./logo.png')}
10      />
11     <View style={styles.innerContainer}>
12
13       <TouchableOpacity style={styles.butcommon} //login button of the signup page
14         onPress={() => navigation.navigate('Login')}>
15         <Text style={{
16           color: "#FF0136",
17           left: 35, top: 9,
18         }}>Log In</Text>
19       </TouchableOpacity>
20       <TouchableOpacity style={styles.butsign} //sign up button of the sign up page
21         onPress={() => navigation.navigate('Signup')}>
22         <Text style={{
23           color: "#FFFFFF",
24           left: 30, top: 9,
25         }}>Sign up</Text>
26       </TouchableOpacity>
27       <Text
28         style={{
29           color: '#FF0036',
30           fontFamily: 'Inika',
31
32           top: 80,
33           left: 35,
34         }}>Enter email</Text>
35       <Text
36         style={{
37           color: '#FF0036',
38           fontFamily: 'Inika',
39           top: 200,
40           left: 35,
41         }}>Enter password</Text>
42       <TextInput
43         style={styles.input1}></TextInput>
44       <TextInput
45         style={styles.input2}></TextInput>
46
47       <TouchableOpacity style={styles.butsubmit} //submit button of the signup page
48         onPress={() => navigation.navigate('Home')}>
49         <Text style={{ color: "#FFFFFF", left: 35, top: 9, }}>Submit</Text>
50       </TouchableOpacity>
51     </View>
52   </View>
53 );
54 };
55

```

```

1
2 //Home_page-----home page---
3 const HomePage = ({ navigation }) => {
4   return (
5     <View style={styles.container}>
6       <View style={styles.eclipse}><LinearGradient
7         colors={['#FF0136', '#FF6686'],}
8         style={styles.eclipse} />
9
10
11
12       <Image style={styles.img2}
13
14         source={require('./image2.png')}
15       />
16     </View>
17     <TouchableOpacity style={styles.button1}
18   >
19     <Text style={{
20       color: "#FF0036",
21       top: 9, left: 60,
22     }}>Employee record management</Text>
23
24   </TouchableOpacity>
25   <TouchableOpacity style={styles.button2}
26   >
27     <Text style={{ color: "#FF0036", top: 9, left: 60, }}>Time and attendance tracking</Text>
28
29   </TouchableOpacity>
30   <TouchableOpacity style={styles.button3}
31   >
32     <Text style={{ color: "#FF0036", top: 9, left: 50, }}>Employee recruitment and selection</Text>
33
34   </TouchableOpacity>
35   <TouchableOpacity style={styles.button4}
36   >
37     <Text style={{ color: "#FF0036", top: 9, left: 100, }}>Payroll management</Text>
38
39   </TouchableOpacity>
40   <TouchableOpacity style={styles.button5}
41   >
42     <Text style={{ color: "#FF0036", top: 9, left: 80, }}>Training and development</Text>
43
44   </TouchableOpacity>
45
46   <TouchableOpacity style={styles.componentbar}
47   >
48     <TouchableOpacity style={styles.buthome}
49     onPress={() => navigation.navigate('Home')}>
50       <Image style={styles.imghome}
51         source={require('./home.png')}
52       /></TouchableOpacity>
53     <TouchableOpacity>
54       <Image style={styles.imgsearch}
55         source={require('./search.png')} /></TouchableOpacity>
56
57     <TouchableOpacity>
58       <Image style={styles.imageuser}
59         source={require('./user.png')} /></TouchableOpacity>
60
61     <TouchableOpacity>
62       <Image style={styles.imagesettings}
63         source={require('./settings.png')} /></TouchableOpacity>
64
65   </TouchableOpacity>
66
67   </View>
68   );
69 };
70

```

```

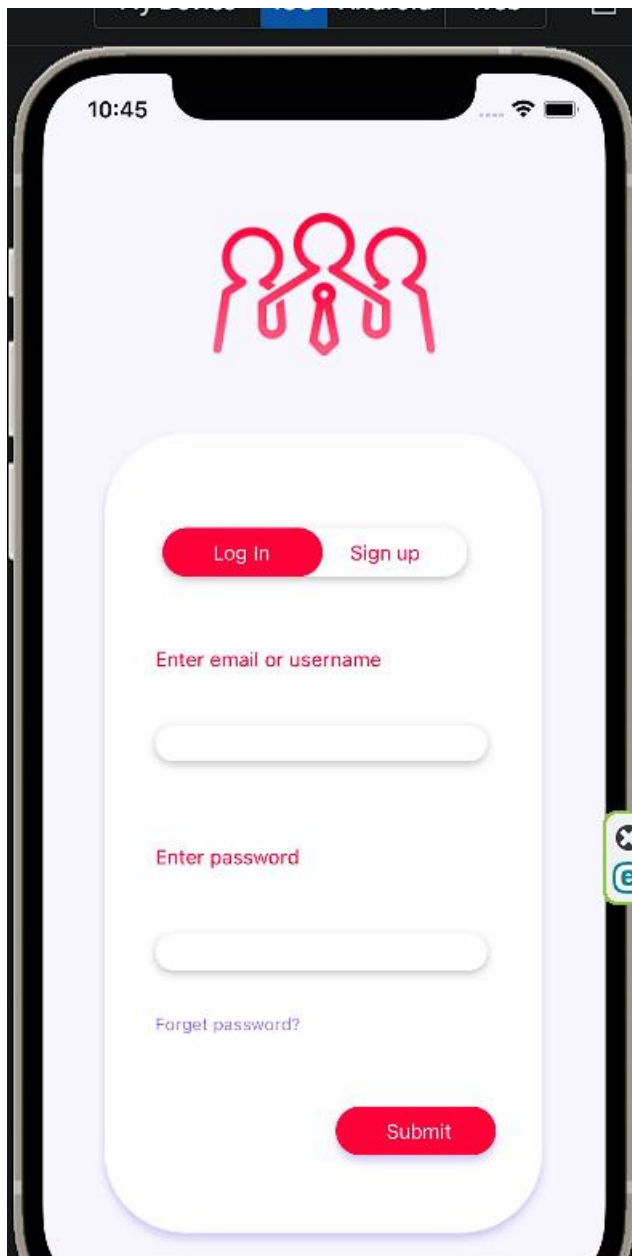
1 //style sheet-----stylesheet
2 const styles = StyleSheet.create({
3   container: {
4     flex: 1,
5     backgroundColor: '#F7F6FF',
6   },
7
8   innerContainer: {
9     flex: 1,
10    backgroundColor: '#FFFFFF',
11    width: 303,
12    position: 'absolute',
13    top: 250,
14
15    bottom: 40,
16    left: 43,
17    borderRadius: 56,
18    elevation: 5, // Android shadow
19    shadowColor: 'rgba(179,178,240,0.67)', // iOS shadow color
20    shadowOffset: { width: 0, height: 4 }, // iOS shadow offset
21    shadowOpacity: 67, // iOS shadow opacity
22  },
23  img: {
24    left: 118,
25    top: 97,
26  },
27
28  butlog: {
29    backgroundColor: '#FF0136',
30    width: 111,
31    height: 34,
32    left: 40,
33    top: 31,
34    borderRadius: 34,
35  },
36  butsign: {
37    backgroundColor: '#FF0136',
38    width: 111,
39    height: 34,
40    left: 140,
41    top: 31,
42    borderRadius: 34,
43  },
44  butcommon: {
45    backgroundColor: '#FFFFFF',
46    width: 211,
47    height: 34,
48    left: 40,
49    top: 65,
50    borderRadius: 34,
51    elevation: 1, // Android shadow
52    shadowColor: 'rgba(0, 0, 0, 0.25)', // iOS shadow color
53    shadowOffset: { width: 0, height: 2 }, // iOS shadow offset
54    shadowOpacity: 25, // iOS shadow opacity
55  },
56
57  butsubmit: {
58    backgroundColor: '#FF0136',
59    width: 111,
60    height: 34,
61    left: 160,
62    top: 300,
63    borderRadius: 34,
64    elevation: 5, // Android shadow
65    shadowColor: 'rgba(179,178,240,0.67)', // iOS shadow color
66    shadowOffset: { width: 0, height: 4 }, // iOS shadow offset
67    shadowOpacity: 4, // iOS shadow opacity
68  },
69  input1: {
70    backgroundColor: '#FFFFFF',
71    width: 230,
72    height: 25,
73    left: 35,
74    top: 100,
75    borderRadius: 34,
76    elevation: 5, // Android shadow
77    shadowColor: 'rgba(0, 0, 0, 0.25)', // iOS shadow color
78    shadowOffset: { width: 0, height: 2 }, // iOS shadow offset
79    shadowOpacity: 25, // iOS shadow opacity
80  },
81  input2: {
82    backgroundColor: '#FFFFFF',
83    width: 230,
84    height: 25,
85    left: 35,
86    top: 220,
87    borderRadius: 34,
88    elevation: 5, // Android shadow
89    shadowColor: 'rgba(0, 0, 0, 0.25)', // iOS shadow color
90    shadowOffset: { width: 0, height: 2 }, // iOS shadow offset
91    shadowOpacity: 25, // iOS shadow opacity
92  },
93

```

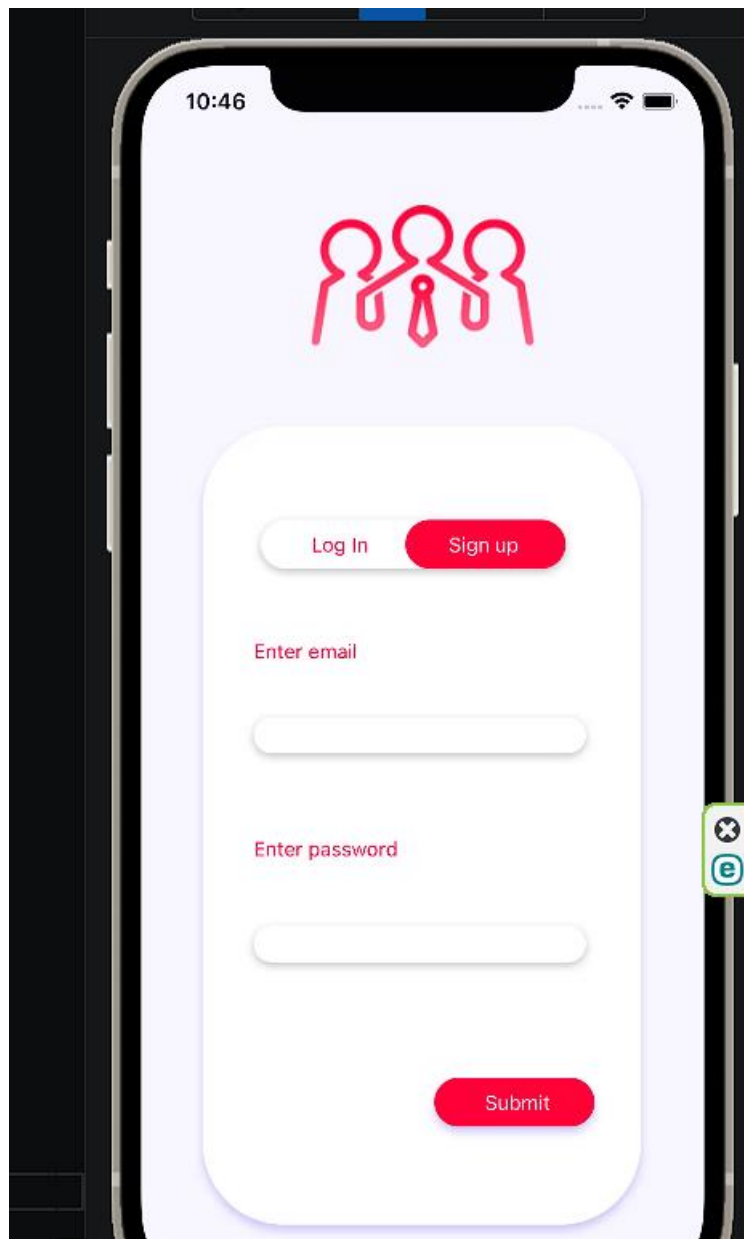
```

1 //home page=====home stylesheet---
2
3 ellipse: {
4
5     width: 618,
6     height: 550,
7     left: -100,
8     top: -150,
9     borderRadius: 360,
10
11
12
13 },
14
15 img1: {
16     left: 225,
17     top: -325,
18 },
19 button1: {
20
21     backgroundColor: 'FFFFFF',
22     width: 342,
23     height: 35,
24     left: 16,
25     top: -200,
26     borderRadius: 34,
27     elevation: 5, // Android shadow
28     shadowColor: 'rgba(0, 0, 0, 0.25)', // 10% shadow color
29     shadowOffset: { width: 0, height: 2 }, // 10% shadow offset
30     shadowOpacity: 25,
31
32 },
33 button2: {
34
35     backgroundColor: 'FFFFFF',
36     width: 342,
37     height: 35,
38     left: 16,
39     top: -175,
40     borderRadius: 34,
41     elevation: 5, // Android shadow
42     shadowColor: 'rgba(0, 0, 0, 0.25)', // 10% shadow color
43     shadowOffset: { width: 0, height: 2 }, // 10% shadow offset
44     shadowOpacity: 25,
45
46 },
47 button3: {
48
49     backgroundColor: 'FFFFFF',
50     width: 342,
51     height: 35,
52     left: 16,
53     top: -150,
54     borderRadius: 34,
55     elevation: 5, // Android shadow
56     shadowColor: 'rgba(0, 0, 0, 0.25)', // 10% shadow color
57     shadowOffset: { width: 0, height: 2 }, // 10% shadow offset
58     shadowOpacity: 25,
59
60 },
61 button4: {
62
63     backgroundColor: 'FFFFFF',
64     width: 342,
65     height: 35,
66     left: 16,
67     top: -125,
68     borderRadius: 34,
69     elevation: 5, // Android shadow
70     shadowColor: 'rgba(0, 0, 0, 0.25)', // 10% shadow color
71     shadowOffset: { width: 0, height: 2 }, // 10% shadow offset
72     shadowOpacity: 25,
73
74 },
75 button5: {
76
77     backgroundColor: 'FFFFFF',
78     width: 342,
79     height: 35,
80     left: 16,
81     top: -100,
82     borderRadius: 34,
83     elevation: 5, // Android shadow
84     shadowColor: 'rgba(0, 0, 0, 0.25)', // 10% shadow color
85     shadowOffset: { width: 0, height: 2 }, // 10% shadow offset
86     shadowOpacity: 25,
87
88 },
89 componentBar: {
90
91     backgroundColor: 'FFFFFF',
92     width: 342,
93     height: 48,
94     left: 20,
95     top: 15,
96     borderRadius: 34,
97     elevation: 5, // Android shadow
98     shadowColor: 'rgba(255, 1, 54, 1)', // 10% shadow color
99     shadowOffset: { width: 0, height: 2 }, // 10% shadow offset
100     shadowOpacity: 25,
101
102 },
103 button6: {
104
105     width: 99,
106     backgroundColor: 'FF0000',
107     height: 48,
108     borderRadius: 34,
109     top: 0,
110     left: 0,
111
112 },
113 imgHome: {
114     top: 10,
115     left: 35,
116 },
117 imgSearch: {
118     top: -35,
119     left: 125,
120 },
121 imgUsers: {
122     top: -50,
123     left: 210,
124 },
125
126 },
127 imgSettings: {
128     top: -80,
129     left: 300,
130 },
131
132 });
133
134
135
136
137
138 export default App;
139

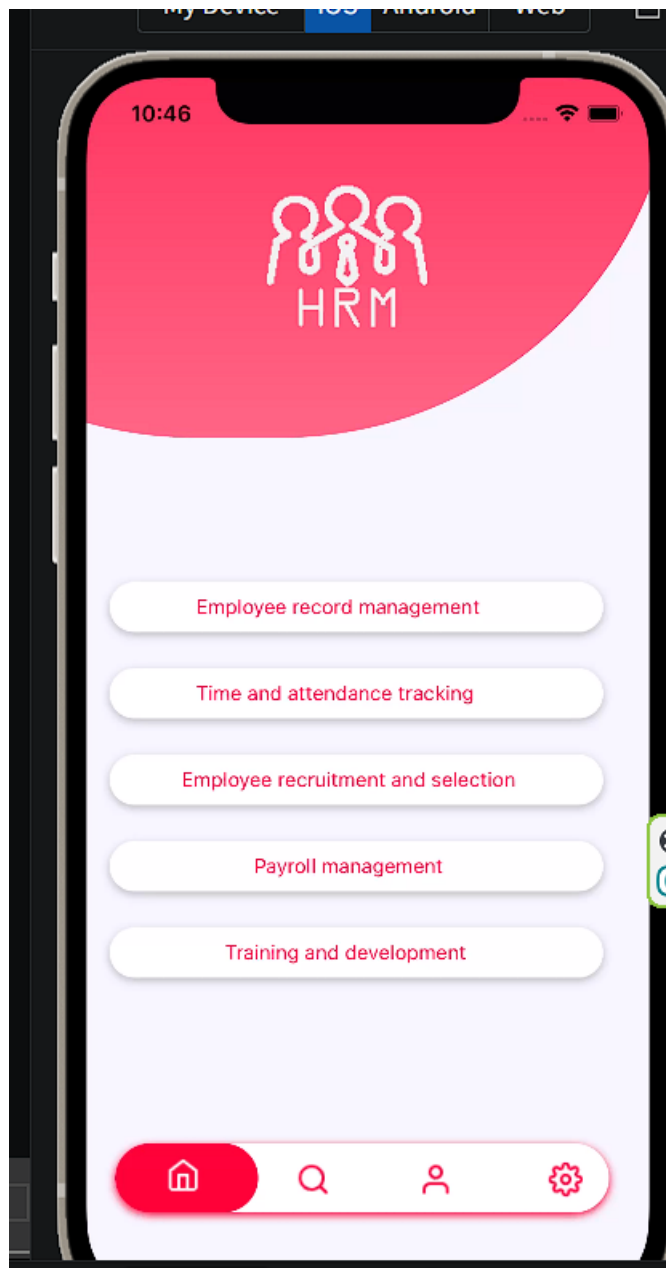
```



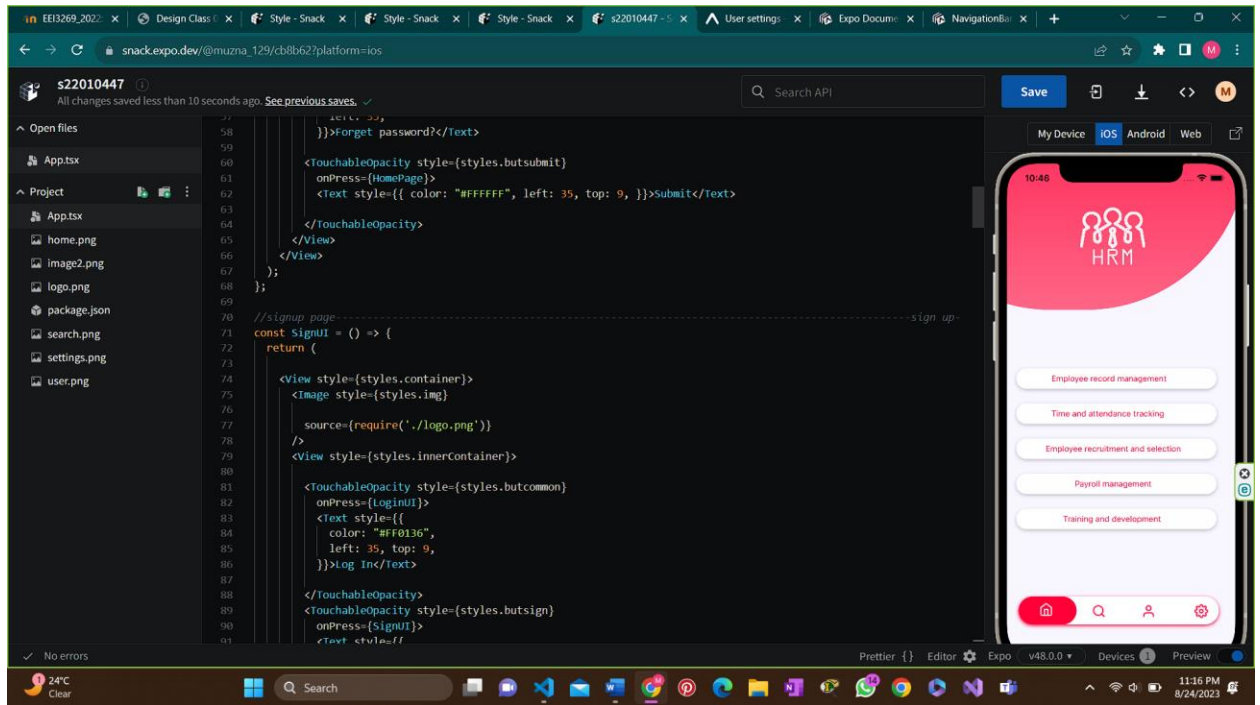
UI For the login section



UI for the Sign up section



UI for the home page



My Android emulator isn't working correctly, my laptop was legged a lot. Also, on the mobile phone the Expo Go app isn't working correctly So, I used the Expo Snack to check the output of my code. Expo Snack isn't allowing the react-navigation, so I deleted them and only got the screenshot of the UIs.

But I added the react-navigation in my code.