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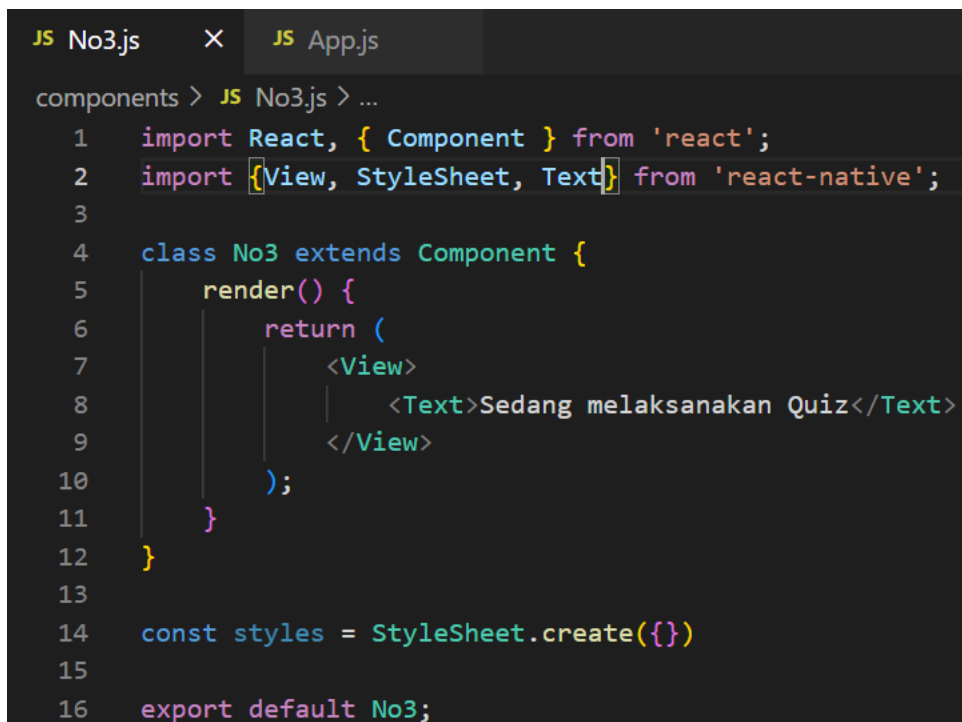
Quiz

```
C:\FRILA\KULIAH\SEMESTER 4\PEMOGRAMAN PERANGKAT BERGERAK\LAB\TUGAS>npx create-expo-app Quiz
```

```
C:\FRILA\KULIAH\SEMESTER 4\PEMOGRAMAN PERANGKAT BERGERAK\LAB\TUGAS>cd Quiz
```

```
C:\FRILA\KULIAH\SEMESTER 4\PEMOGRAMAN PERANGKAT BERGERAK\LAB\TUGAS\Quiz>code .
```

```
C:\FRILA\KULIAH\SEMESTER 4\PEMOGRAMAN PERANGKAT BERGERAK\LAB\TUGAS\Quiz>npx expo start
```



```
JS No3.js X JS App.js
components > JS No3.js > ...
1  import React, { Component } from 'react';
2  import {View, StyleSheet, Text} from 'react-native';
3
4  class No3 extends Component {
5      render() {
6          return (
7              <View>
8                  <Text>Sedang melaksanakan Quiz</Text>
9              </View>
10         );
11     }
12 }
13
14 const styles = StyleSheet.create({})
15
16 export default No3;
```

```
JS No3.js JS App.js X
JS App.js > App
1 import { StatusBar } from 'expo-status-bar';
2 import { StyleSheet, Text, View } from 'react-native';
3 import No3 from './components/No3';
4
5 export default function App() {
6   return (
7     <View style={styles.container}>
8       <No3 />
9       <StatusBar style="auto" />
10    </View>
11  );
12 }
13
14 const styles = StyleSheet.create({
15   container: {
16     flex: 1,
17     backgroundColor: '#fff',
18     alignItems: 'center',
19     justifyContent: 'center',
20   },
21 });
```

```
JS No3.js X JS App.js
components > JS No3.js > ...
1 import React, { Component } from 'react';
2 import {View, StyleSheet, Text, TextInput} from 'react-native';
3
4 class No3 extends Component {
5   constructor(props) {
6     super(props);
7     this.state = {
8       teks: "Sedang melaksanakan Quiz"
9     }
10  }
11
12  render() {
13    return (
14      <View>
15        <Text>{this.state.teks}</Text>
16        <Text>Masukkan Text</Text>
17        <TextInput placeholder='Sedang melaksanakan Quiz'
18          onChangeText={(text) => this.state({teks: text})}
19          style={{borderWidth: 1, padding: 7, borderRadius: 7, paddingHorizontal: 40}} />
20      </View>
21    );
22  }
23 }
24
25 const styles = StyleSheet.create({})
26
27 export default No3;
```

Output

4G 12:15

20

Sedang melaksanakan Quiz

Scroll View

```
JS No3.js JS Dummy.js JS ExpScrollView.js X
components > Friends > widgets > JS ExpScrollView.js > ...
1  import { ScrollView } from 'react-native'
2  import React from 'react'
3  import UserItem from './UserItem'
4
5  const ExpScrollView = ({Users}) => {
6    return (
7      <ScrollView>
8        {Users.map((v,index)=>(
9          <UserItem item={v} key={index} />
10        ))}
11      </ScrollView>
12    )
13  }
14
15  export default ExpScrollView
```

SectionList

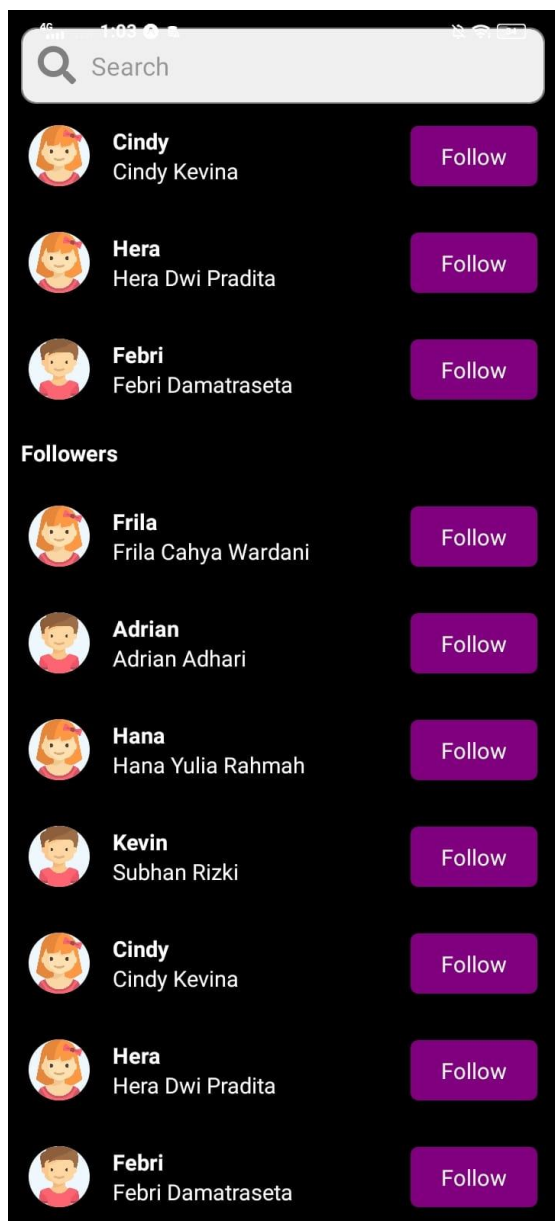
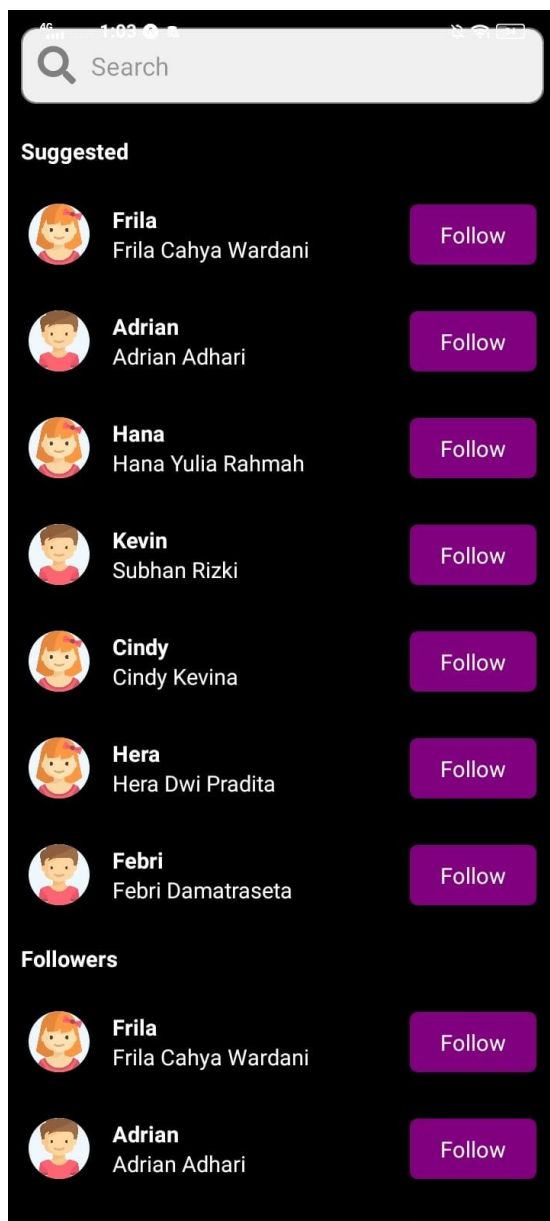
```
JS No3.js JS Dummy.js JS ExpSectionList.js JS App.js
components > Friends > widgets > JS ExpSectionList.js > ...
1  import { Text, SectionList } from "react-native";
2  import React from "react";
3  import UserItem from "./UserItem";
4
5  const ExpSectionList = ({Users}) => {
6    const data = [{ title: "Suggested", data: Users },
7                  { title: "Followers", data: Users }];
8    return (
9      <SectionList sections={data}
10        renderItem={({item}) => <UserItem item={item} /> }
11        renderSectionHeader={({section: {title}}) => (
12          <Text style={{ color:"white", fontSize:16, fontWeight:"bold",
13            backgroundColor:"black", padding:10 }}>{title}</Text>
14        )} />
15    );
16  };
17
18  export default ExpSectionList;
```

Flat List

```
JS No3.js    JS Dummy.js    JS App.js    JS ExpFlatList.js X
components > Friends > widgets > JS ExpFlatList.js > ...
1  import { FlatList } from 'react-native'
2  import React from 'react'
3  import UserItem from './UserItem'
4
5  const ExpFlatList = ({Users}) => {
6    return (
7      <FlatList data={Users} renderItem={({item}) => <UserItem item={item} /> /> />
8    )
9  }
10
11  export default ExpFlatList
```

```
JS App.js    JS MyFriends.js X
components > Friends > JS MyFriends.js > ...
1  import { SafeAreaView, StyleSheet, View } from 'react-native'
2  import React, { Component } from 'react'
3  import { StatusBar } from 'expo-status-bar';
4  import SearchBar from './widgets/SearchBar';
5  import { Users } from '../const-data/Dummy';
6  import ExpScrollView from './widgets/ExpScrollView';
7  import ExpSectionList from './widgets/ExpSectionList';
8
9  export class MyFriends extends Component {
10    render() {
11      return (
12        <SafeAreaView style={styles.container}>
13          <StatusBar hidden={false} style="light" />
14          <View style={styles.header}>
15            <SearchBar />
16          </View>
17          <View style={styles.body}>
18            <ExpSectionList Users={Users} />
19          </View>
20        </SafeAreaView>
21      )
22    }
23  }
24
25  export default MyFriends
26
27  const styles = StyleSheet.create({
28    container: { flex: 1, backgroundColor:"black"},
29    header:{ flex:1, justifyContent:"center", paddingHorizontal:10},
30    body:{ flex: 10}
31  });
```

Output



JS App.js X

JS App.js > ...

```
1  import { StatusBar } from 'expo-status-bar';
2  import { StyleSheet, Text, View } from 'react-native';
3  import No3 from './components/No3';
4  import MyFriends from './components/Friends/MyFriends';
5  import { SafeAreaView } from 'react-native';
6  import { createNativeStackNavigator } from '@react-navigation/native-stack';
7  import { NavigationContainer } from '@react-navigation/native';
8  import LogIn from './components/LogIn';
9  import Home from './components/Home';|
10
11  export default function App() {
12    const Stack = createNativeStackNavigator();
13    return (
14      <NavigationContainer>
15        <Stack.Navigator>
16          <Stack.Screen
17            name = "LOGIN"
18            component={LogIn}
19            options={{title: "Login"}}
20          />
21          <Stack.Screen name = "home" component={Home} />
22        </Stack.Navigator>
23      </NavigationContainer>
24    );
25  }
26
27
28  const styles = StyleSheet.create({
29    container: {
30      flex: 1,
31      backgroundColor: '#fff',
32      alignItems: 'center',
33      justifyContent: 'center',
34    },
35  });
36
```

JS App.js

JS LogIn.js X

components > JS LogIn.js > [e] LogIn

```
1  import React, {useState} from 'react';
2  import {View, StyleSheet, Text, Pressable, TouchableOpacity} from 'react-native';
3  import { TextInput } from 'react-native-gesture-handler';
4  import FontAwesome5 from 'react-native-vector-icons/FontAwesome5';
5
6  const LogIn = () => {
7    const [email, setEmail] = useState("");
8    const [password, setPassword] = useState("");
9
10   const [validEmail, setValidEmail] = useState("");
11   const handlerValidMail = (value) => {
12     if (value) {
13       setValidEmail("");
14     } else {
15       setValidEmail("This field is required");
16     }
17   }
18
19   return (
20     <View style = {styles.container}>
21       <View style = {styles.frm_row}>
22         <Text style = {styles.text_label}> Email </Text>
23         <TextInput
24           placeholder = "npm@student.ibik.ac.id"
25           keyboardType= "email-address"
26           autoCorrect = {false}
27           autoCapitalize="none"
28           style = {styles.text_input}
29           defaultValue={email}
30           onChangeText={(text) => setEmail(text)}
31         />
32       </View>
33       <View style = {styles.frm_row}>
34         <Text style = {styles.text_label}> Password </Text>
35         <View style = {{
36           ...styles.text_input,
```

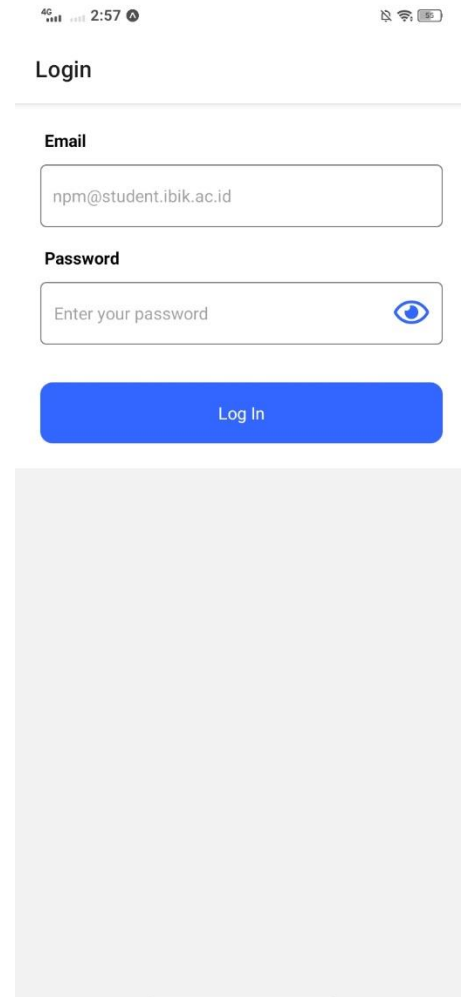


```

JS App.js    JS LogIn.js  X
components > JS LogIn.js > [0] LogIn
37         flexDirection: "row",
38         justifyContent: "space-between",
39     }}
40 >
41     <TextInput
42         secureTextEntry = {true}
43         placeholder="Enter your password"
44         autoCorrect = {false}
45         style = {...styles.text_input, borderWidth: 0, padding: 0, width: "90%"}
46         defaultValue={password}
47         onChangeText={(text) => setPassword(text)}
48     />
49     <Pressable>
50         <FontAwesome5 name = {"eye"} size={25} color="#3366ff" />
51     </Pressable>
52 </View>
53 </View>
54 <TouchableOpacity onPress={() => navigation.navigate ("home")} >
55     <View style = {styles.btn_sign}>
56         <Text style = {styles.btn_signin_text}> Log In </Text>
57     </View>
58 </TouchableOpacity>
59 </View>
60 );
61 }
62
63 const styles = StyleSheet.create({
64     container: {
65         padding: 20,
66         backgroundColor: "white"
67     },
68     frm_row: {
69         marginBottom: 15
70     },
71     text_label: {
72         fontWeight: "bold",

```

```
JS App.js JS LogIn.js X
components > JS LogIn.js > [e] LogIn
72     fontWeight: "bold",
73     marginBottom: 10,
74     fontSize: 15
75   },
76   text_input: {
77     borderWidth: 1,
78     borderColor: "grey",
79     borderRadius: 5,
80     padding: 10,
81     fontSize: 15,
82     color: "#3366ff"
83   },
84   btn_sign: {
85     backgroundColor: "#3366ff",
86     paddingVertical: 15,
87     paddingHorizontal: 10,
88     borderRadius: 10,
89     marginTop: 15
90   },
91   btn_signin_text: {
92     color: "white",
93     textAlign: "center",
94     fontSize: 15
95   }
96 })
97
98 export default LogIn;
```



```

JS App.js  X  JS Page1.js  JS Page2.js
JS App.js > App
1  import { StatusBar } from 'expo-status-bar';
2  import { StyleSheet, Text, View, TouchableOpacity } from 'react-native';
3  import { NavigationContainer } from '@react-navigation/native';
4  import { createNativeStackNavigator } from '@react-navigation/native-stack';
5  import Page1 from './components/Page1';
6  import Page2 from './components/Page2';
7
8  export default function App() {
9    const Stack = createNativeStackNavigator();
10
11    return (
12      <NavigationContainer>
13        <Stack.Navigator>
14          <Stack.Screen
15            name="Page1"
16            component={Page1}
17            options={{ title: "Welcome" }}
18          />
19          <Stack.Screen name="Page2" component={Page2} />
20        </Stack.Navigator>
21      </NavigationContainer>
22    );
23  }
24
25  const styles = StyleSheet.create({
26    container: {
27      flex: 1,
28      backgroundColor: '#fff',
29      alignItems: 'center',
30      justifyContent: 'center',
31    },
32  });

```

```

JS App.js  X  JS Page1.js  JS Page2.js
components > JS Page1.js > ...
1  import React from 'react';
2  import { TouchableOpacity, View, Text } from 'react-native';
3
4  const Page1 = ({navigation}) => {
5    return (
6      <TouchableOpacity onPress={() => navigation.navigate('Page2', {name: 'Frila'})} >
7        <View style={{ backgroundColor: "purple", padding: 10, borderRadius:10, margin:10}}>
8          <Text style={{ color: "white", textAlign: "center"}}>
9            Click here to see me
10          </Text>
11        </View>
12      </TouchableOpacity>
13    );
14  };
15
16  export default Page1;

```

```
JS App.js JS Page1.js JS Page2.js X
components > JS Page2.js > ...
1  import React from 'react';
2  import {View, StyleSheet, Text} from 'react-native';
3
4  const Page2 = ({navigation, route}) => {
5    return (
6      <Text> This is {route.params.name}'s profile</Text>
7    );
8  }
9
10 const styles = StyleSheet.create({})
11
12 export default Page2;
```

Output

