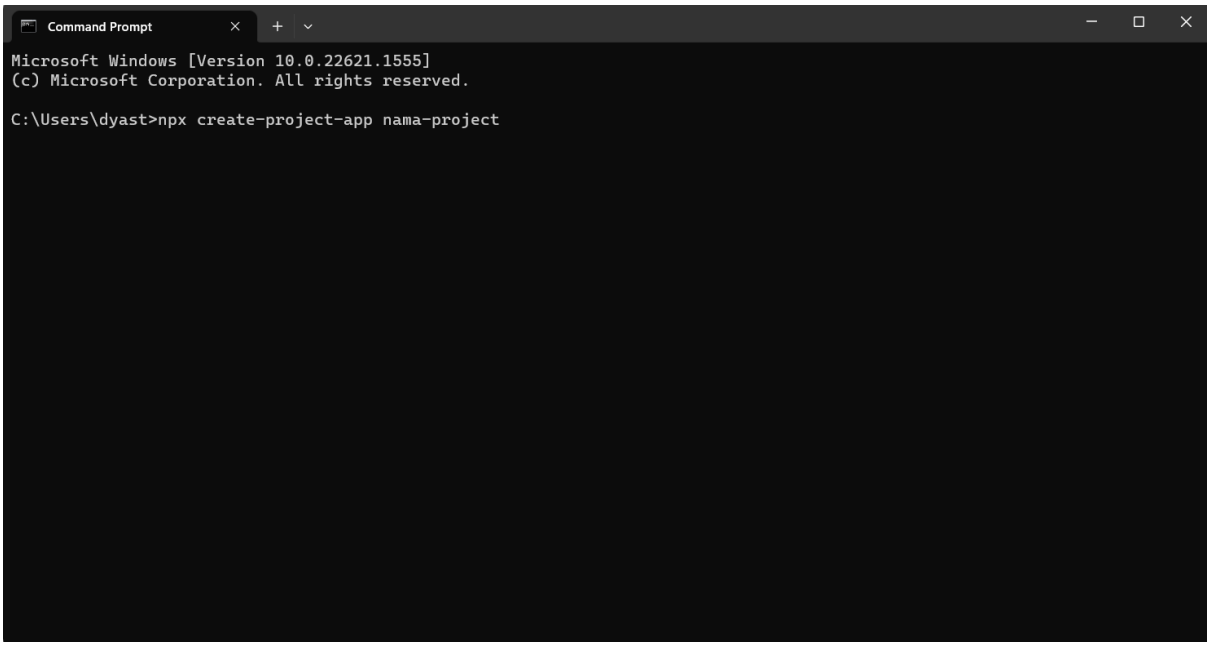
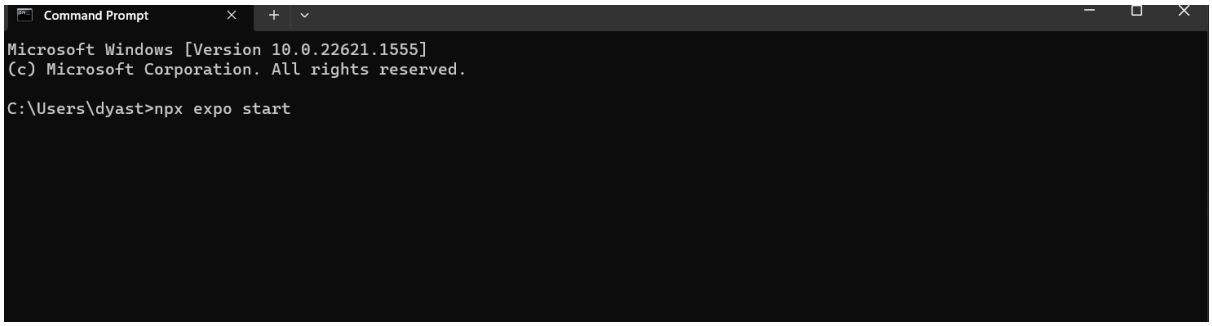
Nama : Dyas Tri Apriliansyah

NPM : 212310015

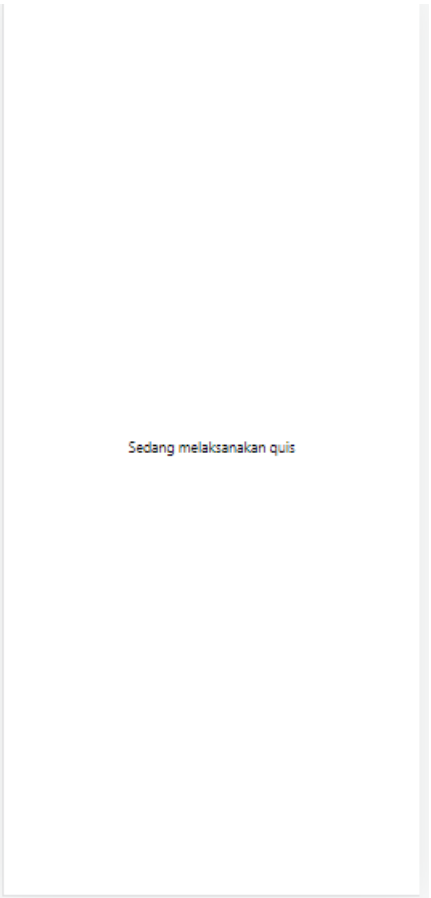
1. Create Project

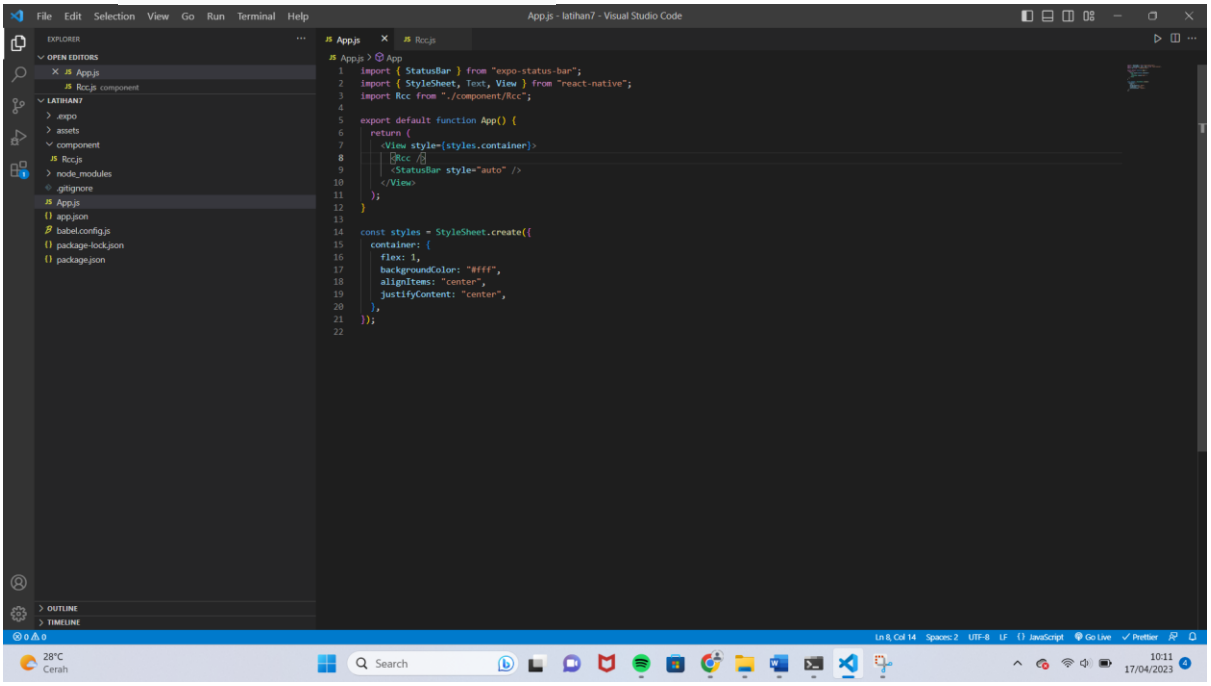


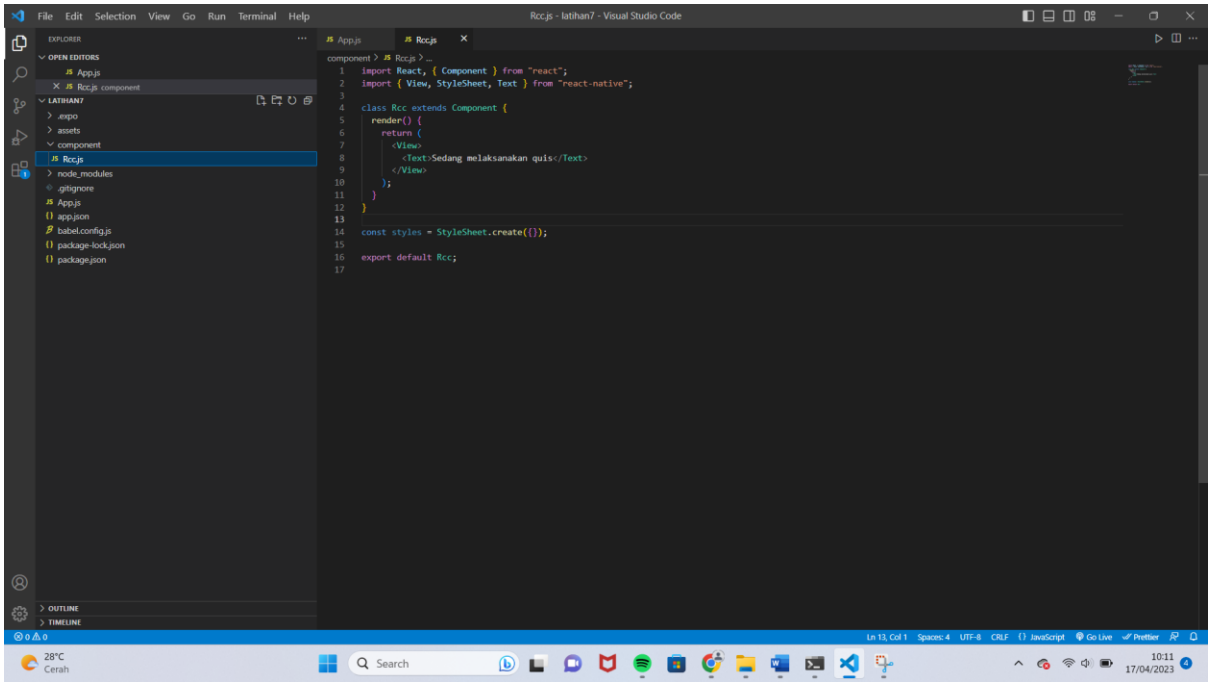
2. RUN FILE



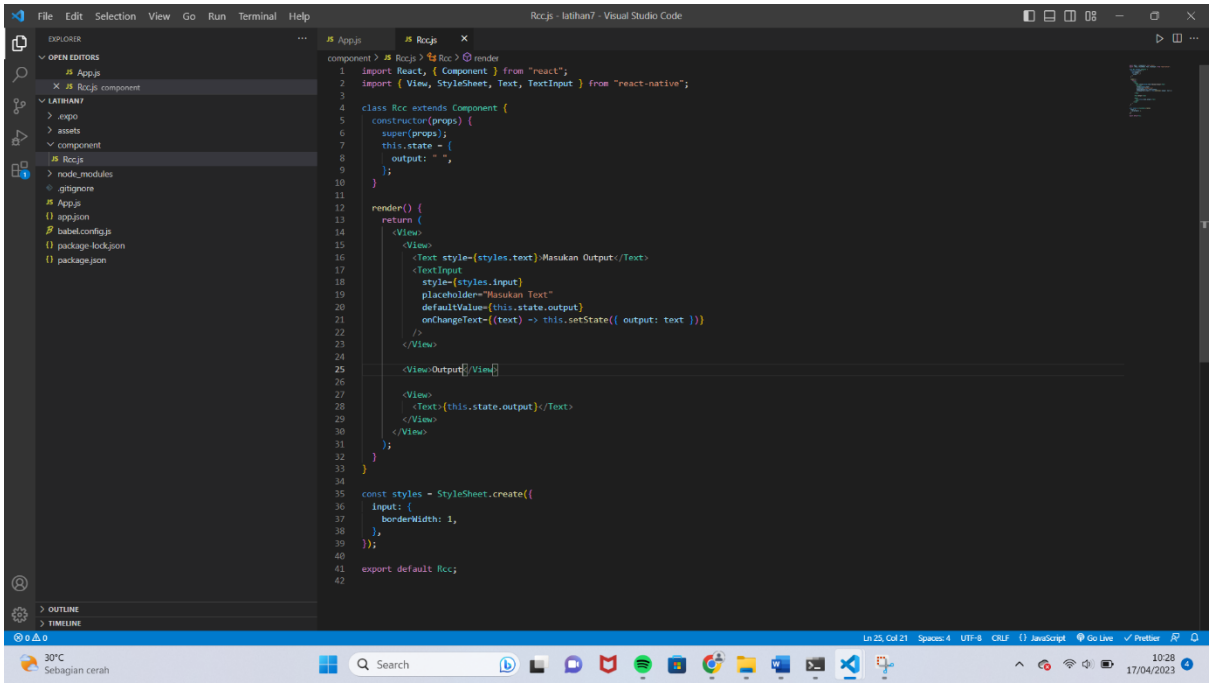
3. OUTPUT

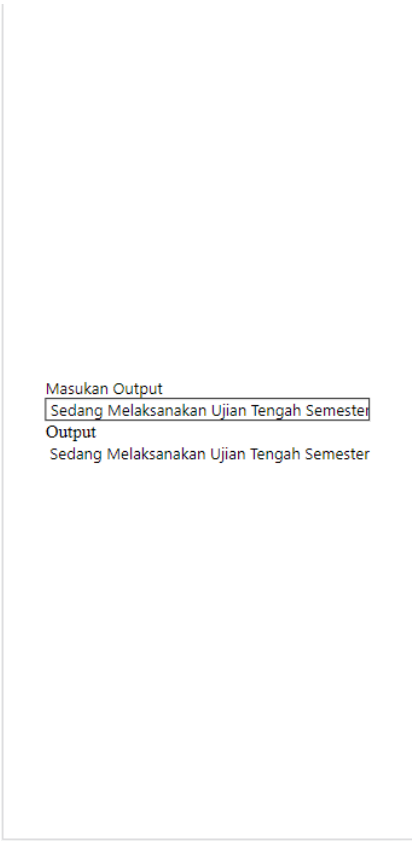

Sedang melaksanakan quis


File Edit Selection View Go Run Terminal Help
App.js - latihan7 - Visual Studio Code
EXPLORER
OPEN EDITORS
App.js
Rcc.js component
LATIHAN7
.expo
assets
component
Rcc.js
node_modules
.gitignore
App.js
app.json
babel.config.js
package-lock.json
package.json
OUTLINE
TIMELINE
App.js
Rcc.js
App.js > App
import { StatusBar } from "expo-status-bar";
import { StyleSheet, Text, View } from "react-native";
import Rcc from "./component/Rcc";
export default function App() {
return (
<View style={styles.container}>
<Rcc />
<StatusBar style="auto" />
</View>
);
}
const styles = StyleSheet.create({
container: {
flex: 1,
backgroundColor: "#fff",
alignItems: "center",
justifyContent: "center",
},
});
Ln 8, Col 14 Spaces: 2 UTF-8 LF JavaScript Go Live Prettier
28°C
Cerah
Search
10:11
17/04/2023


File Edit Selection View Go Run Terminal Help
Rcc.js - latihan7 - Visual Studio Code
EXPLORER
OPEN EDITORS
App.js
Rcc.js component
LATIHAN7
.expo
assets
component
Rcc.js
node_modules
.gitignore
App.js
app.json
babel.config.js
package-lock.json
package.json
OUTLINE
TIMELINE
App.js
Rcc.js
component > Rcc.js > ...
import React, { Component } from "react";
import { View, StyleSheet, Text } from "react-native";
class Rcc extends Component {
render() {
return (
<View>
<Text>Sedang melaksanakan quis</Text>
</View>
);
}
}
const styles = StyleSheet.create({});
export default Rcc;
Ln 13, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Go Live Prettier
28°C
Cerah
Search
10:11
17/04/2023

4. Dynamic Output



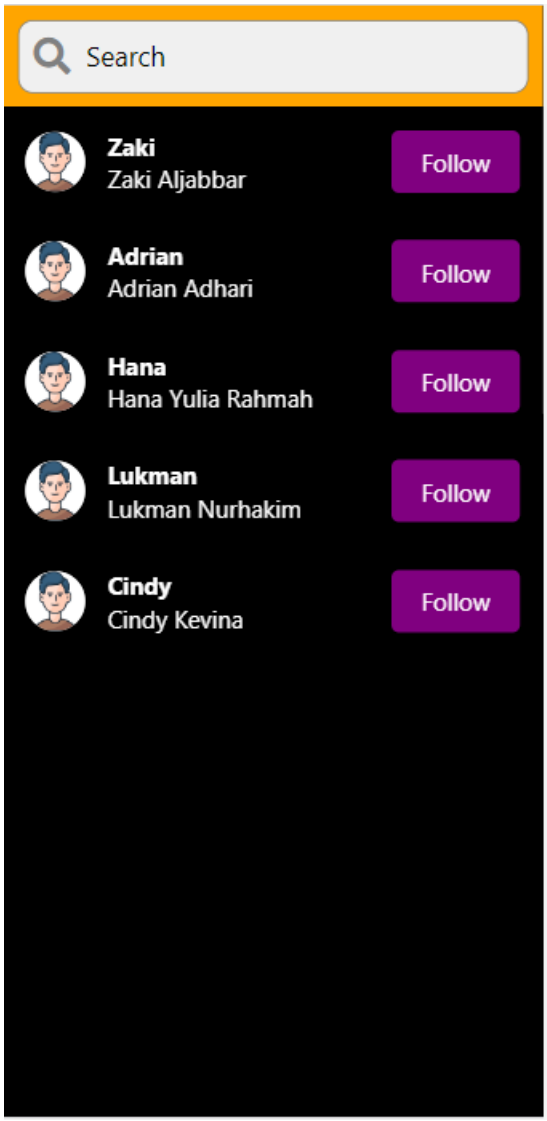


5. A. ScrollView

```
import React, { Component } from "react";
import { View, StatusBar, SafeAreaView, StyleSheet } from "react-native";
import ExpScrollView from "./Widget/ExpScrollView";
// import ExpFlatList from "./widgets/ExpFlatList";
import SearchBar from "./Widget/SearchBar";
import { Users } from "../const-data/Dummy";

import ExpSectionList from "./Widget/ExpSectionList";

class MyFriends extends Component {
  render() {
    return (
      <SafeAreaView style={styles.container}>
        <StatusBar hidden={false} style="light" />
        <View style={styles.header}>
          <SearchBar />
        </View>
        <View style={styles.body}>
          <ExpScrollView Users={Users} />
          {/* <ExpSectionList /> */}
        </View>
      </SafeAreaView>
    );
  }
}

export default MyFriends;
```

component > Friends > Widget > JS ExpScrollView.js > default

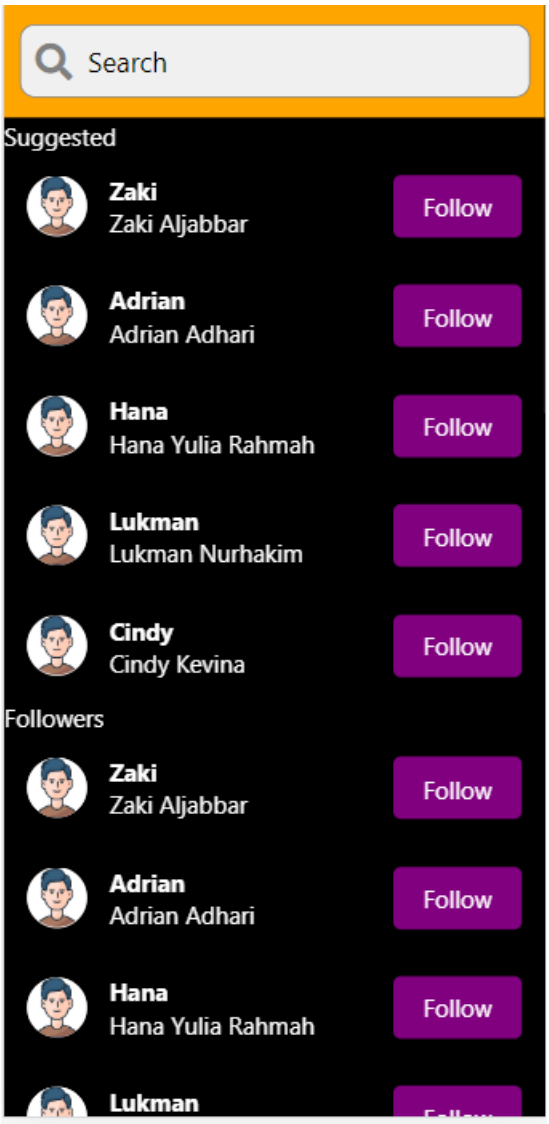
```
1   import { ScrollView } from "react-native";
2   import React from "react";
3   // import { Users } from "../../const-data/User";
4   import UserItems from "./UserItems";
5
6   const ExpScrollView = ({ Users }) => {
7     return (
8       <ScrollView>
9         {Users.map((v, index) => (
10          <UserItems item={v} key={index} />
11        ))}
12      </ScrollView>
13    );
14  };
15
16  export default ExpScrollView;
```



B. SectionList

```
omponent > Friends > Widget > ExpSectionList.js > default
1   import React from "react";
2   import { SectionList, Text } from "react-native";
3   import { Users } from "../../const-data/Dummy";
4   import UserItems from "./UserItems";
5
6   const ExpSectionList = () => {
7     const data = [
8       { title: "Suggested", data: Users },
9       { title: "Followers", data: Users },
10    ];
11    return (
12      <SectionList
13        sections={data}
14        renderItem={({ item }) => <UserItems item={item} />}
15        renderSectionHeader={({ section: { title } }) => (
16          <Text style={{ color: "white", fontSize: 16 }}>{title}</Text>
17        )}
18      />
19    );
20  };
21
22  export default ExpSectionList;
```

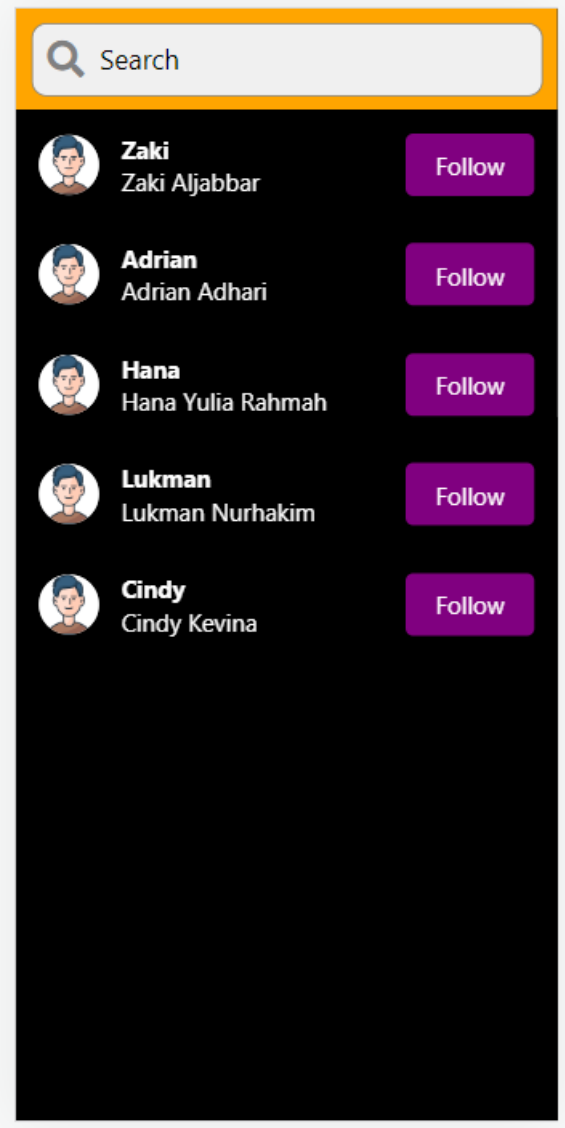
```jsx
import React, { Component } from "react";
import { View, StatusBar, SafeAreaView, StyleSheet } from "react-native";
import ExpScrollView from "./Widget/ExpScrollView";
// import ExpFlatList from "./widgets/ExpFlatList";
import SearchBar from "./Widget/SearchBar";
import { Users } from "../const-data/Dummy";

import ExpSectionList from "./Widget/ExpSectionList";

class MyFriends extends Component {
  render() {
    return (
      <SafeAreaView style={styles.container}>
        <StatusBar hidden={false} style="light" />
        <View style={styles.header}>
          <SearchBar />
        </View>
        <View style={styles.body}>
          {/* <ExpScrollView Users={Users} /> */}
          <ExpSectionList />
        </View>
      </SafeAreaView>
    );
  }
}

export default MyFriends;
```



C. Flatlist

```
import React, { Component } from "react";
import {
  View,
  StatusBar,
  SafeAreaView,
  StyleSheet,
  FlatList,
} from "react-native";
import SearchBar from "./Widget/SearchBar";
import { Users } from "../const-data/Dummy";
import ExpFlatlist from "./Widget/ExpFlatlist";
class MyFriends extends Component {
  render() {
    return (
      <SafeAreaView style={styles.container}>
        <StatusBar hidden={false} style="light" />
        <View style={styles.header}>
          <SearchBar />
        </View>
        <View style={styles.body}>
          <ExpFlatlist Users={Users} />
        </View>
      </SafeAreaView>
    );
  }
}

export default MyFriends;
```

```
1   import React from "react";
2   import { View, StyleSheet } from "react-native";
3   import { FlatList } from "react-native-web";
4   import UserItems from "./UserItems";
5
6   const ExpFlatlist = ({ Users }) => {
7     return (
8       <FlatList
9         data={Users}
10        renderItem={({ item }) => <UserItems item={item} />}
11      />
12    );
13  };
14
15  const styles = StyleSheet.create({});
16
17  export default ExpFlatlist;
18
```



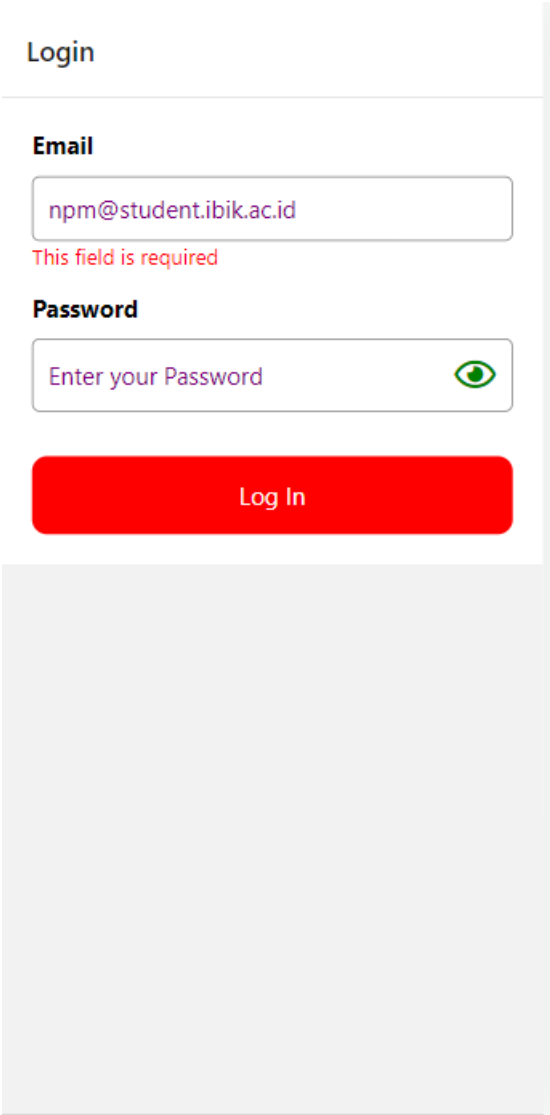
6. Validasi Login

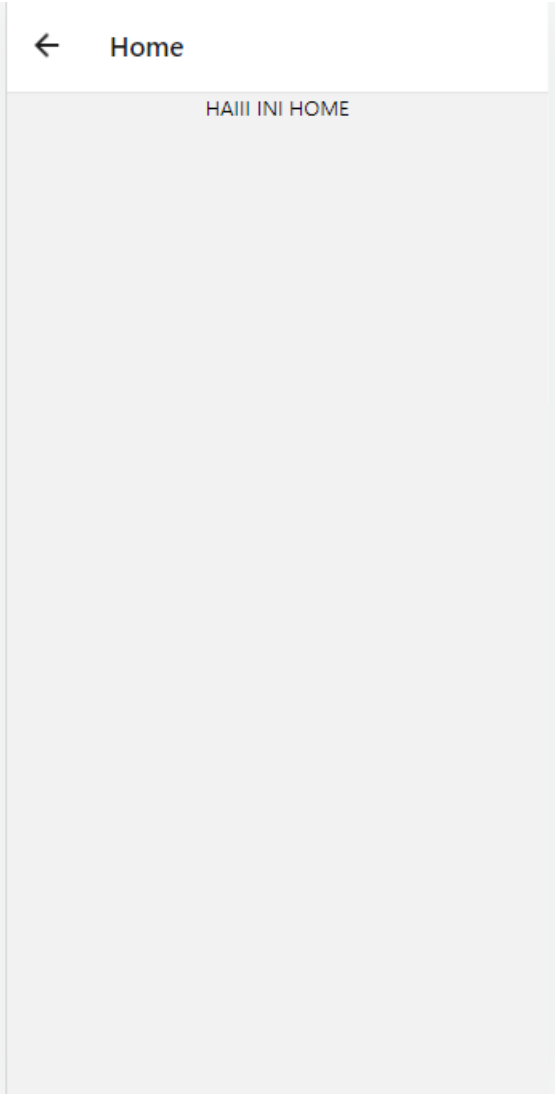
```
            />
            <Pressable>
              <FontAwesome5 name={"eye"} size={25} color="green" />
            </Pressable>
          </View>
        </View>
        <TouchableOpacity onPress={() => navigation.navigate("Home")}>
          <View style={styles.btn_sign}>
            <Text style={styles.btn_signin_text}>Log In</Text>
          </View>
        </TouchableOpacity>
      </View>
    );
};

const styles = StyleSheet.create({
  container: {
    padding: 20,
    backgroundColor: "white",
  },
  frm_row: {
    marginBottom: 15,
  },
  text_label: {
    fontWeight: "bold",
    marginBottom: 10,
    fontSize: 16,
  },
  text_input: {
    borderWidth: 1,
    borderColor: "grey",
    borderRadius: 5,
    padding: 10,
    fontSize: 16,
    color: "purple",
  },
  btn_sign: {
    backgroundColor: "red",
    paddingVertical: 15,
    paddingHorizontal: 10,
    borderRadius: 10,
    marginTop: 15,
  },
  btn_signin_text: {
```

Login.js > Login

```jsx
import React, { useState } from "react";
import { TouchableOpacity } from "react-native";
import { View, Text, StyleSheet, Pressable } from "react-native";
import { TextInput } from "react-native-gesture-handler";
import FontAwesome5 from "react-native-vector-icons/FontAwesome5";

const Login = ({ navigation }) => {
  const [email, setMail] = useState("");
  const [password, setPassword] = useState("");
  const [validEmail, setValidEmail] = useState("");
  const handlerValidMail = (value) => {
    if (value) {
      setValidEmail("");
    } else {
      setValidEmail("This field is required");
    }
  };

  return (
    <View style={styles.container}>
      <View style={styles.frm_row}>
        <Text style={styles.text_label}>Email</Text>
        <TextInput
          placeholder="npm@student.ibik.ac.id"
          keyboardType="email-address"
          autoCorrect={false}
          autoCapitalize="none"
          style={styles.text_input}
          defaultValue={email}
          onChangeText={(text) => handlerValidMail(text)}
        />
        <Text style={{ color: "red" }}>{validEmail}</Text>
      </View>
      <View style={styles.frm_row}>
        <Text style={styles.text_label}>Password</Text>
        <View
          style={{
            ...styles.text_input,
            flexDirection: "row",
            justifyContent: "space-between",
          }}
        >
          <TextInput
            secureTextEntry={true}
            placeholder="Enter your Password"
            autoCorrect={false}
            style={{
              ...styles.text_input,
              borderWidth: 0,
              padding: 0,
              width: "90%",
            }}
            defaultValue={password}
            onChangeText={(text) => setPassword(text)}
```

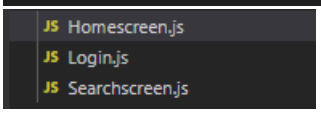
```jsx
import { NavigationContainer } from "@react-navigation/native";
import { createNativeStackNavigator } from "@react-navigation/native-stack";
import Login from "./Login";
import Home from "./Home";

export default function App() {
  const Stack = createNativeStackNavigator();
  return (
    <NavigationContainer>
      <Stack.Navigator>
        <Stack.Screen
          name="Login"
          component={Login}
          options={{ title: "Login" }}
        />
        <Stack.Screen name="Home" component={Home} />
      </Stack.Navigator>
    </NavigationContainer>
  );
}
```





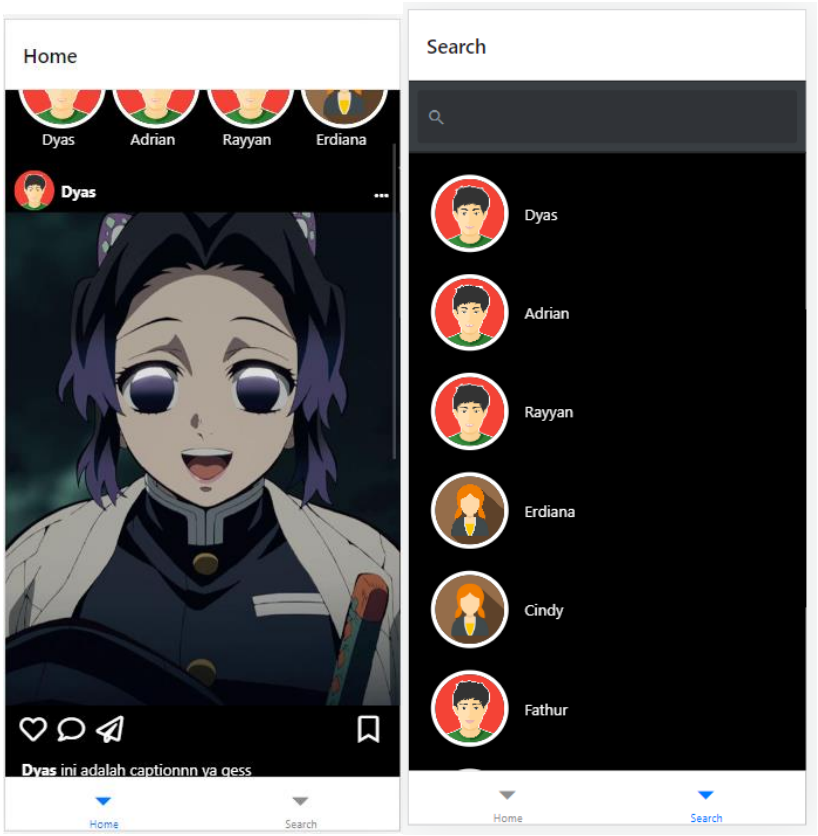
7. STACK NAVIGATION CONTOHNYA DI NO 6
   TABS NAVIGATION

```
import { createBottomTabNavigator } from "@react-navigation/bottom-tabs";
import Homescreen from "../screens/Homescreen";
import Searchscreen from "../screens/Searchscreen";



const Tab = createBottomTabNavigator ();

const Tabs = () => {
    return(


        <Tab.Navigator   >
            <Tab.Screen  name="Home" component={Homescreen}/>
            <Tab.Screen  name="Search" component={Searchscreen}/>
        </Tab.Navigator>



    );
}

export default Tabs ;
```



App js

```
import Homescreen from "./screens/Homescreen";
import { NavigationContainer } from "@react-navigation/native";
import Login from "./screens/Login";

export default function App() {
  return (
    // <Login />

    <NavigationContainer>
      <Tabs />
    </NavigationContainer>
  );
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: "#fff",
    alignItems: "center",
    justifyContent: "center",
  },
});
```



waktu

13:14
17/04/2023