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NPM : 212310010

1. `D:\Tugas Sekolah\Kuliah\Semester 4\Lab PPB>npx create-expo-app quis`

2. `D:\Tugas Sekolah\Kuliah\Semester 4\Lab PPB\quis>npm start`

3.

```jsx
import React, { Component } from 'react';
import { View,Text } from 'react-native';

class Quis extends Component {
    render() {
        return (
            <View>
                <Text>Sedang Melaksanakan Quis</Text>

            </View>
        );
    }
}

export default Quis;
```

```jsx
import { StatusBar } from 'expo-status-bar';
import { SafeAreaView, StyleSheet, Text, View } from 'react-native';
import Quis from './components/Quis';

export default function App() {
  return (
    <SafeAreaView style={{marginTop:20}}>
    <Text>
      <Quis style={{marginTop:20}}/>
    </Text>
    </SafeAreaView>
  );
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
```

```
    backgroundColor: '#fff',
    alignItems: 'center',
    justifyContent: 'center',
  },
});
```

Output

Sedang Melaksanakan Quis

4.

```
import React, { useState } from 'react';
import {View,Text,TextInput,SafeAreaView } from 'react-native';

const Quis = () => {
    const [title,SetTitle] =useState("Sedang Melaksanakan Quis")
    return (
    <SafeAreaView>
     <View>
         <Text>{title}</Text>
     </View>

     <View>
         <Text>Masukan Isi Text </Text>
         <TextInput
         placeholder="Enter title here"
         defaultValue="{title}"
         onChangeText={(text)=> SetTitle(text)}
         style={{ borderWidth: 2, borderColor: 'black', padding: 7,
marginBottom: 20 }}/>

     </View>

    </SafeAreaView>
     );
}

export default Quis;
```

Output:

"Sedang Melaksanakan Ujian Tengah Semester"
Masukan Isi Text

"Sedang Melaksanakan Ujian Tengah Semest

5.
    Dummy

```
const Users = [
    {id: 1 , Name:"zacky", fullname: "Muhammad Zacky" , gender :"M"},
    {id: 2 , Name:"Rafi", fullname: "Muhammad Rafi" , gender :"M"},
    {id: 3 , Name:"Ilham", fullname: "Muhammad Ilham" , gender :"M"},
    {id: 4 , Name:"Daphne", fullname: "Daphne Holy" , gender :"F"},
    {id: 5 , Name:"Firza", fullname: "Firza Azzhara" , gender :"M"},

];

export {Users};
```
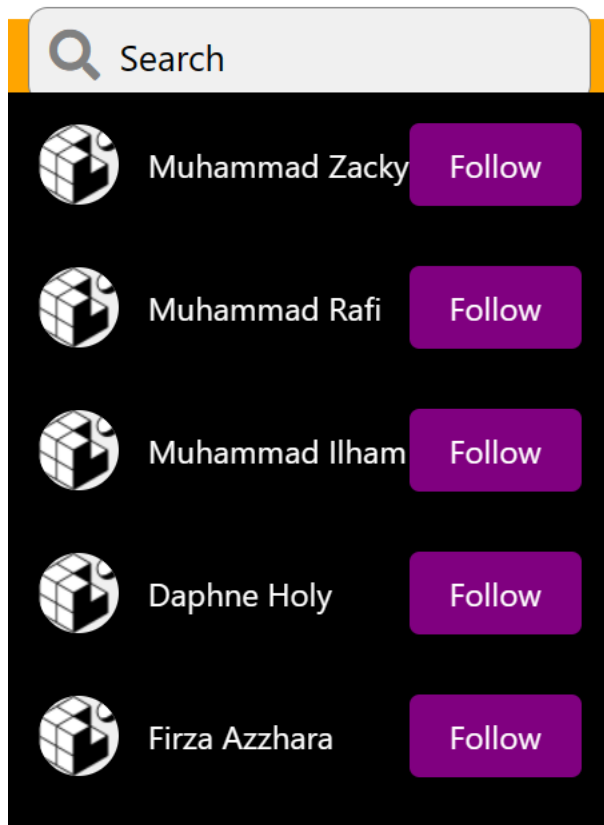
Flatlist

```
import React from "react";
import { FlatList } from "react-native";
import { Users } from "../../const-data/Dummy";
import UserItems from "./UserItems";

const ExpFlatList = () => {
  return (
    <FlatList
      data={Users}
      renderItem={({ item }) => <UserItems item={item} />}
    />
  );
};

export default ExpFlatList;
```
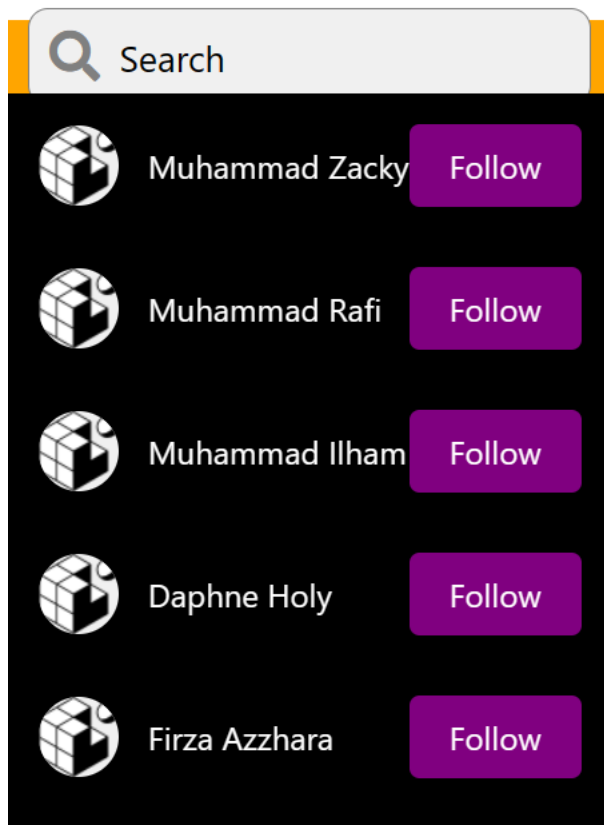
output :

Scroll view

```javascript
import { ScrollView } from "react-native";
import React from "react";
import UserItems from "./UserItems";

const ExpScrollView = ({ Users }) => {
  return (
    <ScrollView>
      {Users.map((v, index) => (
        <UserItems item={v} key={index} />
      ))}
    </ScrollView>
  );
};

export default ExpScrollView;
```
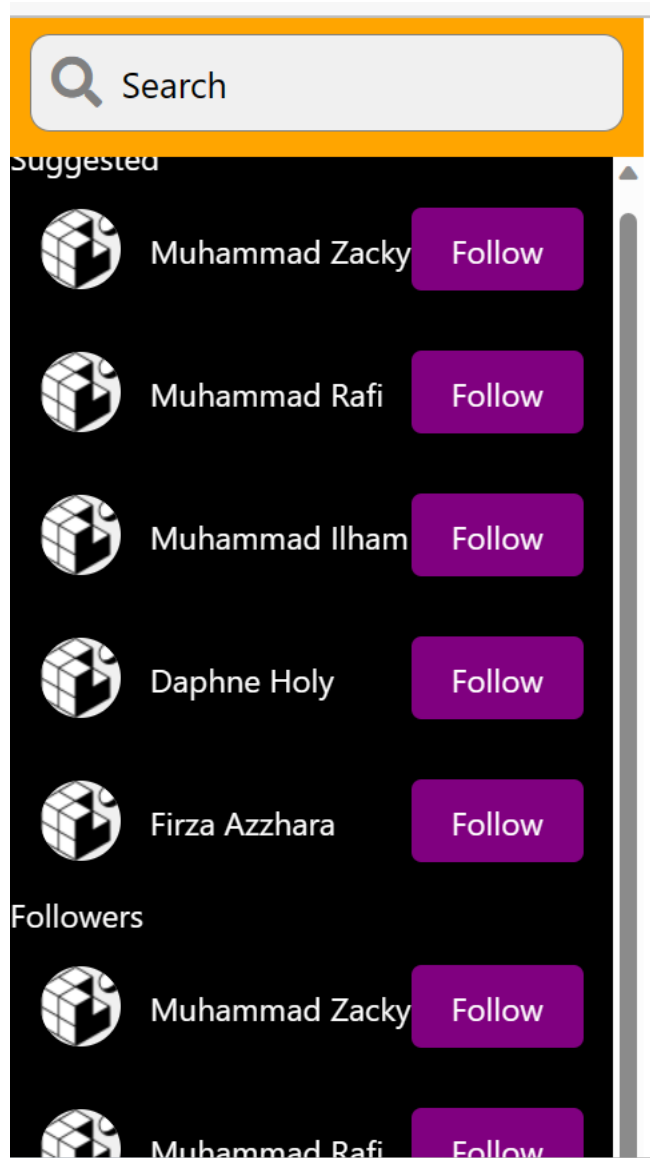
Output

Section List

```jsx
import React from "react";
import { SectionList, Text } from "react-native";
import { Users } from "../../const-data/Dummy";
import UserItems from "./UserItems";

const ExpSectionList = () => {
  const data = [
    { title: "Suggested", data: Users },
    { title: "Followers", data: Users },
  ];
  return (
    <SectionList
      sections={data}
      renderItem={({ item }) => <UserItems item={item} />}
      renderSectionHeader={({ section: { title } }) => (
        <Text style={{ color: "white", fontSize: 16 }}>{title}</Text>
      )}
    />
  );
};

export default ExpSectionList;
```

Output

6.

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

const LogIn = () => {
  const [email, setEmail] = useState("");
  const [password, setPassword] = useState("");
  const [loggedIn, setLoggedIn] = useState(false);

  const handleSignIn = () => {
    if (email === "212310010@student.ibik.ac.id" && password === "12345678") {

      setLoggedIn(true);
```

```jsx
      } else {
        alert("Login failed. Please check your email and password.");
      }
    };
    if (loggedIn) {
      return (
        <View>
          <Text>Welcome to Home Page</Text>
        </View>
      );
    }

    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) => setEmail(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)}
            />
            <Pressable>
              <FontAwesome5 name={"eye"} size={25} color="grey" />
            </Pressable>
          </View>
```

```
      </View>
      <TouchableOpacity style={styles.btn_signin} onPress={() =>
handleSignIn()}>
          <Text style={styles.btn_signin_text}>LogIn</Text>
      </TouchableOpacity>
    </View>
  );
};

export default LogIn;

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: "grey",
  },
  btn_signin: {
    backgroundColor: "blue",
    paddingVertical: 15,
    paddingHorizontal: 10,
    borderRadius: 10,
    marginTop: 15,
  },
  btn_signin_text: { color: "white", textAlign: "center", fontSize: 16 },
});
```

Output:

Email

212310010@student.ibik.ac.id

Password

••••••••••   👁

LogIn

Welcome to Home Page

7.
Apps.js

```js
import { StatusBar } from "expo-status-bar";
import { StyleSheet, Text, View, TouchableOpacity } from "react-native";
import MyFriends from "./components/Friends/MyFriends";
import { NavigationContainer } from "@react-navigation/native";
import { createNativeStackNavigator } from "@react-navigation/native-stack";
import Page1 from "./components/Page1";
import Page2 from "./components/Page2";
import { createBottomTabNavigator } from "@react-navigation/bottom-tabs";
import React from "react";
import ExpScrollView from "./components/Friends/widgets/ExpScrollView";

export default function App() {

  const Stack = createNativeStackNavigator();

  return (
    <NavigationContainer>
      <Stack.Navigator>
        <Stack.Screen
          name="page1"
          component={Page1}
          options={{title:"welcome"}}
        />
        <Stack.Screen name="Page2" component={Page2} />
      </Stack.Navigator>
    </NavigationContainer>
  );
}
```

Page 1

```jsx
import React from 'react';
import { Text, View } from 'react-native';
import { TouchableOpacity } from 'react-native-gesture-handler';
import { DefaultNavigatorOptions } from '@react-navigation/native';

const Page1 = ({navigation}) => {
    return (
        <TouchableOpacity onPress={() => navigation.navigate('Page2', {name:
'Muhammad Zacky afiff'})}>
            <View style={{ backgroundColor:"blue", padding:10,
borderRadius:10, maegin:10}}>
                <Text style={{color:"white", textAlign:"center"}}>click Disini
ges</Text>
            </View>
        </TouchableOpacity>
    );
}

export default Page1;
```
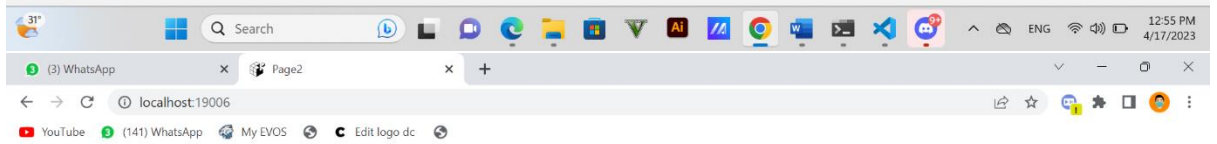
Page 2

```jsx
import React from 'react';
import { Text } from 'react-native';

const Page2 = ({navigation, route}) => {
    return <Text>This is {route.params.name}'s profile</Text>
}

export default Page2;
```

Output

Page2

This is Muhammad Zacky afiff's profile