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Quiz Lab. Pemograman Perangkat Bergerak


1.

```
npm
Microsoft Windows [Version 10.0.22621.1555]
(c) Microsoft Corporation. All rights reserved.

C:\Users\mhmmmd\ppb\PPB-21-PA-212310017>npx create-expo-app Quiz1
/ Locating project files.
```

2.

```
C:\Users\mhmmmd\ppb\PPB-21-PA-212310017\Quiz1>npx expo start
Starting project at C:\Users\mhmmmd\ppb\PPB-21-PA-212310017\Quiz1
> Port 19000 is
/ Use port 19001 instead? ... yes
Starting Metro Bundler



> Metro waiting on exp://10.2.6.47:19001
> Scan the QR code above with Expo Go (Android) or the Camera app (iOS)

> Press a | open Android
> Press w | open web

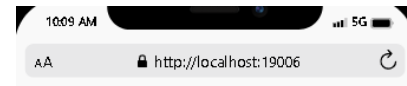
> Press j | open debugger
> Press r | reload app
> Press m | toggle menu

> Press ? | show all commands

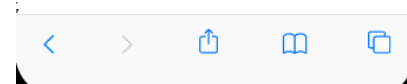
Logs for your project will appear below. Press Ctrl+C to exit.
```

3.

```
component > Quiz2.js > ...
1  import React, { Component } from 'react';
2  import { View, Text, StyleSheet } from 'react-native';
3
4  class Quiz2 extends Component {
5    render() {
6      return (
7        <View style={{flex:1, alignItems:"center",
8          justifyContent:"center"}}>
9          <Text>Sedang melaksanakan Quiz</Text>
10        </View>
11      );
12    }
13  }
14
15  const styles = StyleSheet.create({})
16
17  export default Quiz2;
18
```

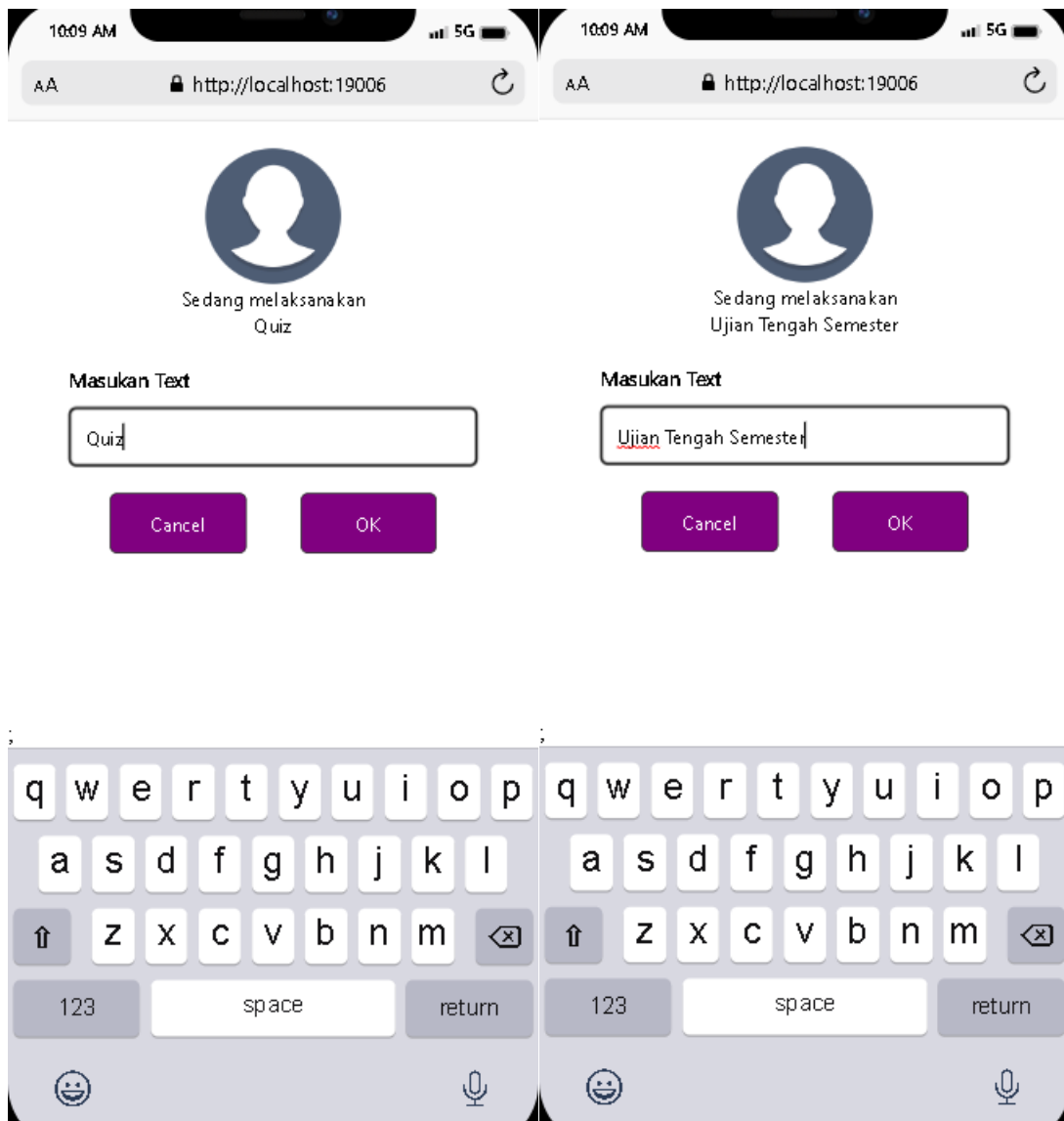


Sedang melaksanakan Quiz



4.

```
component > Quizjs > @Quiz
1 import React, { useState } from "react";
2 import { Image, View, StyleSheet, Text, Button, TouchableOpacity } from "react-native";
3 import { TextInput } from "react-native-gesture-handler";
4 import { SafeAreaView } from "react-native-web";
5
6 const Quiz = () => {
7   const [title, setTitle] = useState("Quiz-2");
8   const [validTitle, setValidTitle] = useState("");
9   // const handlerTitle = (value) => {
10   //   if(value) {
11   //     setValidTitle = (value)
12   //   } else {
13   //     setValidTitle = ""
14   //   };
15   // }
16   return (
17     <View style={{ flex: 1, alignItems: "center" }}>
18       <View style={{ alignItems: "center", marginTop: 20 }}>
19         <Image source={{ uri: "https://upload.wikimedia.org/wikipedia/commons/thumb/7/7e/Circle-icons-profile.svg/2048px-Circle-icons-profile.svg.png" }} style={styles.
20           profile} />
21         <Text>Sedang melaksanakan</Text>
22         <Text>{title}</Text>
23       </View>
24       <View style={{ marginTop: 20, width: 300 }}>
25         <Text style={{ marginBottom: 10, fontSize: 15, fontWeight: "bold" }}>Masukan Text</Text>
26         <TextInput style={{ borderRadius: 5, borderWidth: 1, padding: 11 }} placeholder="Input Your Text" defaultValue={title} onChangeText={(text) => setTitle(text)} />
27       </View>
28       <View style={{ flexDirection: "row", justifyContent: "space-between", marginTop: 20 }}>
29         <TouchableOpacity style={{ borderRadius: 5, borderWidth: 1, padding: 11, marginHorizontal: 20, width: 100, textAlign: "center", backgroundColor: "purple" }} >
30           <Text style={{ color: "white" }}>Cancel</Text>
31         </TouchableOpacity>
32         <TouchableOpacity style={{ borderRadius: 5, borderWidth: 1, padding: 11, marginHorizontal: 20, width: 100, textAlign: "center", backgroundColor: "purple" }}>
33           <Text style={{ color: "white" }}>OK</Text>
34         </TouchableOpacity>
35       </View>
36     </View>
37   );
38
39 const styles = StyleSheet.create([
40   profile: {
41     width: 100,
42     height: 100,
43     alignItems: "center",
44   },
45   btn_signin: {
46     backgroundColor: "purple",
47     paddingVertical: 15,
48     paddingHorizontal: 10,
49     borderRadius: 10,
50     marginTop: 15,
51   },
52   btn_signin_text: { color: "white", textAlign: "center", fontSize: 16 },
53 ]);
54
55 export default Quiz;
56
```



5. ScrollView

```
component > No5 > ScrollViewNo5.js > AmbilData > data.map callback
1 import React from 'react';
2 import {View, Text, StyleSheet, ScrollView} from 'react-native';
3
4 const ScrollViewNo5 = () => {
5   const Users = [
6     {id: 1, name: 'Alfan', fullname: 'Muhammad Alfan', gender: 'M'},
7     {id: 2, name: 'Nandes', fullname: 'Nagasa Anandes', gender: 'M'},
8     {id: 3, name: 'Mahesa', fullname: 'Mahesa Alghifari', gender: 'M'},
9     {id: 6, name: 'engkep', fullname: 'Cindy Kevina', gender: 'F'},
10    {id: 11, name: 'Dyas', fullname: 'Dyas Tri', gender: 'M'},
11    {id: 12, name: 'Dila', fullname: 'Fadila husna', gender: 'F'},
12    {id: 9, name: 'Erdiana', fullname: 'Erdiana Ragil', gender: 'F'},
13    {id: 8, name: 'Fawaz', fullname: 'Mohamad Fawaz', gender: 'M'},
14    {id: 10, name: 'Hera', fullname: 'Hera Dwi Pradita', gender: 'F'},
15    {id: 7, name: 'Rayyan', fullname: 'Raden Rayyan', gender: 'M'},
16    {id: 5, name: 'Adrian', fullname: 'Adrian Adhari', gender: 'M'},
17    {id: 4, name: 'Frila', fullname: 'Frila Cahya', gender: 'F'},
18  ];
19
20   return (
21     <ScrollView>
22       <AmbilData data={Users} />
23     </ScrollView>
24   )
25 }
26
27 const AmbilData = ({ data }) => {
28   return (
29     <View>
30       {data.map((v, index) => (
31         <View key={index} style={{marginBottom: 30, borderWidth: 1, padding: 20, backgroundColor: 'orange'}}>
32           <Text>{v.name}</Text>
33         </View>
34       ))}
35     </View>
36   )
37 }
38
39 export default ScrollViewNo5;
40
```



FlatList

```
component > No5 > FlatListNo5.js > ...
1  import React from 'react';
2  import {View, Text, StyleSheet, ScrollView, FlatList} from 'react-native';
3
4  const FlatListNo5 = () => {
5    const Users = [
6      {id: 1, name: 'Alfan', fullname: 'Muhammad Alfan', gender: 'M'},
7      {id: 2, name: 'Nandes', fullname: 'Nagasa Anandes', gender: 'M'},
8      {id: 3, name: 'Mahesa', fullname: 'Mahesa Alghifari', gender: 'M'},
9      {id: 6, name: 'engkep', fullname: 'Cindy Kevina', gender: 'F'},
10     {id: 11, name: 'Dyas', fullname: 'Dyas Tri', gender: 'M'},
11     {id: 12, name: 'Dila', fullname: 'Fadila husna', gender: 'F'},
12     {id: 9, name: 'Erdiana', fullname: 'Erdiana Ragil', gender: 'F'},
13     {id: 8, name: 'Fawaz', fullname: 'Mohamad Fawaz', gender: 'M'},
14     {id: 10, name: 'Hera', fullname: 'Hera Dwi Pradita', gender: 'F'},
15     {id: 7, name: 'Rayyan', fullname: 'Raden Rayyan', gender: 'M'},
16     {id: 5, name: 'Adrian', fullname: 'Adrian Adhari', gender: 'M'},
17     {id: 4, name: 'Frila', fullname: 'Frila Cahya', gender: 'F'},
18   ];
19
20   return (
21     <FlatList horizontal={true} data={Users} renderItem={({item})=> <AmbilData item={item}/> } />
22   )
23 }
24
25 const AmbilData = ({ data }) => {
26   return (
27     <View>
28       <View style={{marginBottom: 30, borderWidth: 1, padding: 20, backgroundColor: 'orange'}}>
29         <Text>{name}</Text>
30       </View>
31     </View>
32   )
33 }
34
35 export default FlatListNo5;
36
```

SectionList

```
1  import React from 'react';
2  import {View, Text, StyleSheet, ScrollView, FlatList} from 'react-native';
3  import { SectionList } from 'react-native-web';
4
5  const SectionListNo5 = () => {
6    const Users = [
7      {id: 1, name: 'Alfan', fullname: 'Muhammad Alfan', gender: 'M'},
8      {id: 2, name: 'Nandes', fullname: 'Nagasa Anandes', gender: 'M'},
9      {id: 3, name: 'Mahesa', fullname: 'Mahesa Alghifari', gender: 'M'},
10     {id: 6, name: 'engkep', fullname: 'Cindy Kevina', gender: 'F'},
11     {id: 11, name: 'Dyas', fullname: 'Dyas Tri', gender: 'M'},
12     {id: 12, name: 'Dila', fullname: 'Fadila husna', gender: 'F'},
13     {id: 9, name: 'Erdiana', fullname: 'Erdiana Ragil', gender: 'F'},
14     {id: 8, name: 'Fawaz', fullname: 'Mohamad Fawaz', gender: 'M'},
15     {id: 10, name: 'Hera', fullname: 'Hera Dwi Pradita', gender: 'F'},
16     {id: 7, name: 'Rayyan', fullname: 'Raden Rayyan', gender: 'M'},
17     {id: 5, name: 'Adrian', fullname: 'Adrian Adhari', gender: 'M'},
18     {id: 4, name: 'Frila', fullname: 'Frila Cahya', gender: 'F'},
19   ];
20
21   return (
22     <View>
23       <SectionList sections={data} />
24     </View>
25   )
26 }
27
28 const AmbilData = ({ data }) => {
29   return (
30     <View>
31       <View style={{marginBottom: 30, borderWidth: 1, padding: 20, backgroundColor: 'orange'}}>
32         <Text>{name}</Text>
33       </View>
34     </View>
35   )
36 }
37
38 export default SectionListNo5;
39
```



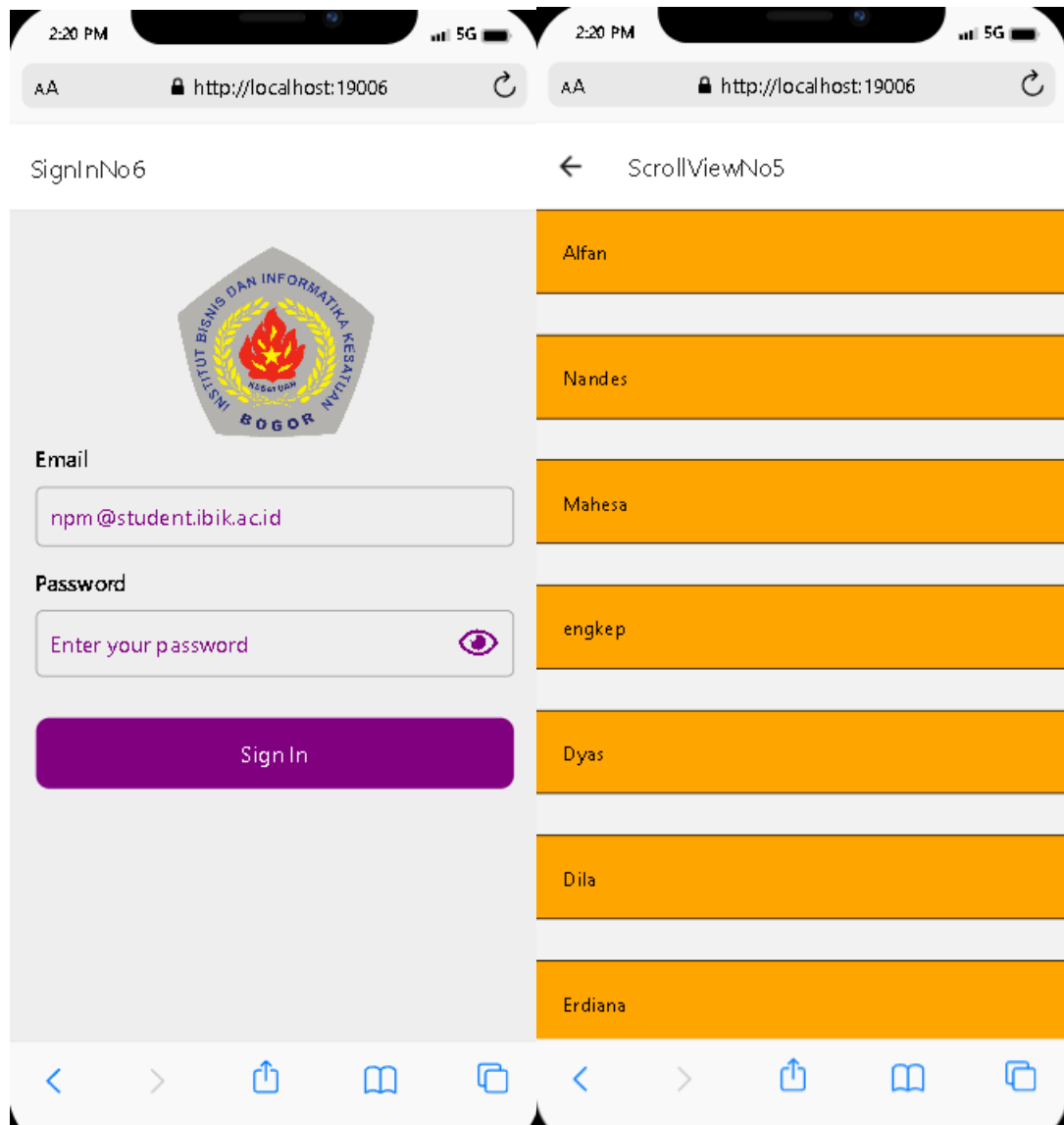
6. C

```

1 import { StatusBar } from "expo-status-bar";
2 import { SafeAreaView, StyleSheet, Text, View } from "react-native";
3 import Latihan from "../component/Latihan";
4 import Quiz from "../component/Quiz.js";
5 import Quiz2 from "../component/Quiz2.js";
6 import ScrollViewNo5 from "../component/No5/ScrollViewNo5";
7 import FlatListNo5 from "../component/No5/FlatListNo5";
8 import SignInNo6 from "../component/SignInNo6";
9 import { NavigationContainer } from "@react-navigation/native";
10 import { createNativeStackNavigator } from "@react-navigation/native-stack";
11 import { createBottomTabNavigator } from "@react-navigation/bottom-tabs";
12
13 export default function App() {
14   const Stack = createNativeStackNavigator();
15   return (
16     <SafeAreaView style={{flex:1}}>
17       <NavigationContainer>
18         <Stack.Navigator>
19           <Stack.Screen name="SignInNo6" component={SignInNo6} />
20           <Stack.Screen name="ScrollViewNo5" component={ScrollViewNo5} />
21         </Stack.Navigator>
22       </NavigationContainer>
23     </SafeAreaView>
24   );
25 }
26
27
28 import { View, Image, Text, TextInput, StyleSheet, TouchableOpacity, Pressable }
29 from
30 "react-native";
31 import React, { useState } from "react";
32 import FontAwesome5 from "react-native-vector-icons/FontAwesome5";
33 import * as
34
35 const Sign
36 const [em
37 const [pa
38
39
40
41 return (
42   <View style={styles.container}>
43     <View style={{alignItems:"center"}}>
44       <Image source={require("../assets/IBIKLOGO.png")} style={styles.img} />
45     </View>
46     <View style={styles.frm_row}>
47       <Text style={styles.text_label}>Email </Text>
48       <TextInput
49         placeholder="npm@student.ibik.ac.id"
50         keyboardType="email-address"
51         autoCorrect={false}
52         autoCapitalize="none"
53         style={styles.text_input}
54         defaultValue={email}
55         onChangeText={(text) => setMail(text)}
56       />
57     </View>

```

Parameter navigation
ditambahkan jika anda ingin
melakukan transisi antar layar



7. J

```

38 import React from 'react';
39 import { View, Text } from 'react-native';
40 import { createBottomTabNavigator } from '@react-navigation/bottom-tabs';
41 import { NavigationContainer } from '@react-navigation/native';
42
43 function HomeScreen() {
44   return (
45     <View style={{ flex: 1, justifyContent: 'center', alignItems: 'center' }}>
46       <Text>Home Screen</Text>
47     </View>
48   );
49 }
50
51 function SettingsScreen() {
52   return (
53     <View style={{ flex: 1, justifyContent: 'center', alignItems: 'center' }}>
54       <Text>Settings Screen</Text>
55     </View>
56   );
57 }
58
59 const Tab = createBottomTabNavigator();
60
61 export default function App() {
62   return (
63     <NavigationContainer>
64       <Tab.Navigator>
65         <Tab.Screen name="Home" component={HomeScreen} />
66         <Tab.Screen name="Settings" component={SettingsScreen} />
67       </Tab.Navigator>
68     </NavigationContainer>
69   );

```

