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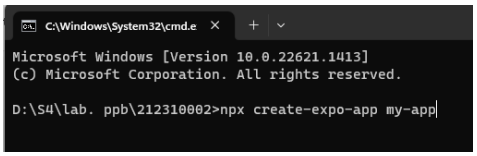
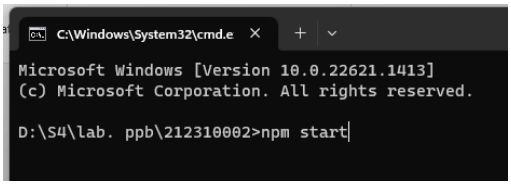
TI-21-PA

212310004

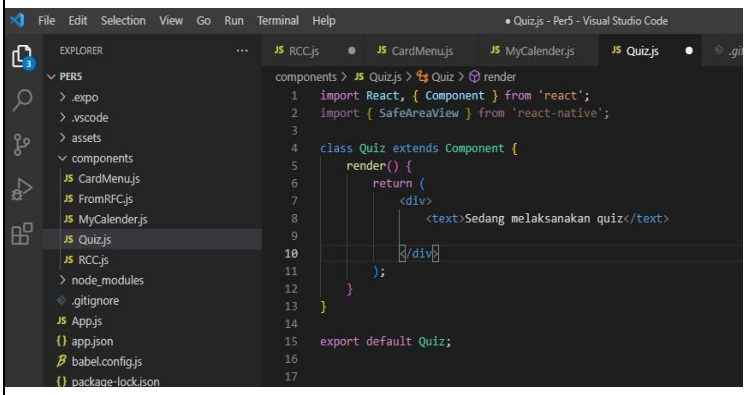
1.)

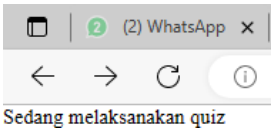


2.)

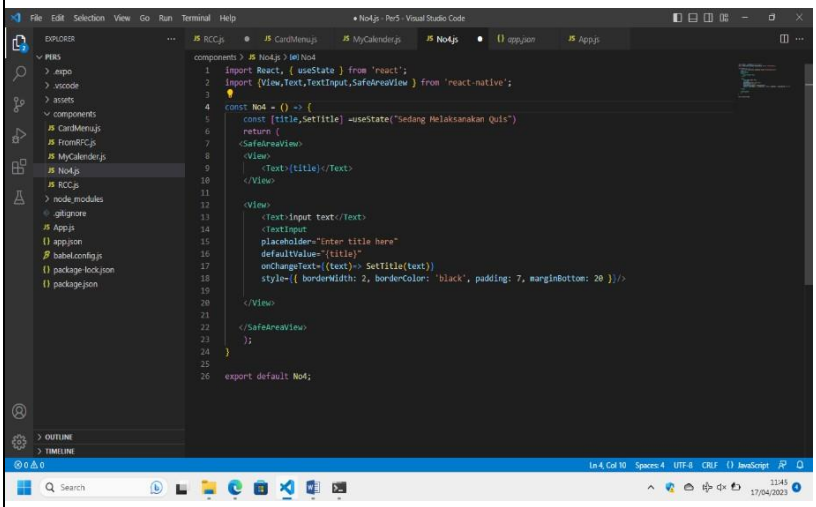


3.)

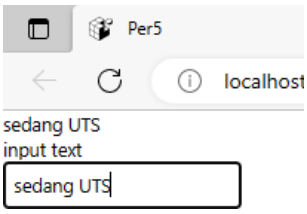




4.)



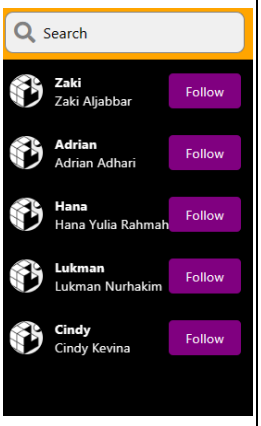
```
import React, { useState } from 'react';
import {View,Text,TextInput,SafeAreaView } from 'react-native';

const No4 = () => {
    const [title,SetTitle] =useState("Sedang Melaksanakan Quis")
    return (
    <SafeAreaView>
      <View>
          <Text>{title}</Text>
      </View>

      <View>
          <Text>input 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 No4;
```



5.)

dummy

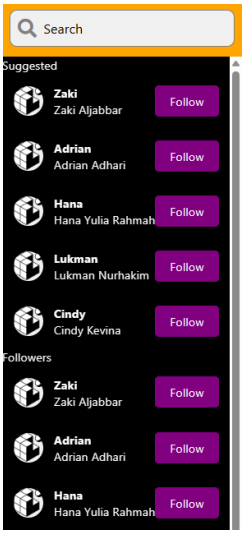
```
const Users = [
    { id: 1, name: "Zaki", fullname: "Zaki Aljabbar",
gender: "M" },
    { id: 2, name: "Adrian", fullname: "Adrian Adhari",
gender: "M"},
    { id: 3, name: "Hana", fullname: "Hana Yulia Rahmah",
gender: "F"},
    { id: 4, name: "Lukman", fullname: "Lukman Nurhakim",
gender: "M"},
    { id: 5, name: "Cindy", fullname: "Cindy Kevina",
gender: "F" }
   ];
```



```
export {Users}
```

Expflatlist

```
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;
```



expscrollvist

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

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

export default ExpScrollView;
```

Expsectionlist

```
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;
```

Searchbar

```
import React from "react";
import { View, StyleSheet, TextInput } from "react-
native";
import FontAwesome5 from "react-native-vector-
icons/FontAwesome5";

const SearchBar = () => {
  return (
    <View style={styles.search_box}>
      <FontAwesome5 name={"search"} size={25}
color="grey" />
      <TextInput style={styles.search_input}
placeholder="Search" />
    </View>
  );
};

export default SearchBar;

const styles = StyleSheet.create({
  search_box: {
    padding:  10,
    flexDirection: "row",
    borderWidth: 1,
    borderColor: "grey",
    borderRadius: 10,
    backgroundColor: "#f0f0f0",
  },
  search_input: { fontSize: 18, width: "90%", color:
"black", marginLeft: 10 },
});
```

userItem

```
import React from "react";
import { View, Text, Image, TouchableOpacity, StyleSheet
} from "react-native";

const UserItems = ({ item }) => {
  return (
    <View style={styles.search_container}>
      <View style={styles.search_account}>
        <Image
          source={require("../../../assets/favicon.png")}
          style={styles.story_ava}
        />
        <View>
          <Text style={{ ...styles.story_name,
fontWeight: "bold" }}>
            {item.name}
          </Text>
          <Text
style={styles.story_name}>{item.fullname}</Text>
        </View>
      </View>
      <View>
        <TouchableOpacity activeOpacity={0.6}
style={styles.btn_follow}>
          <Text style={styles.story_name}>Follow</Text>
        </TouchableOpacity>
      </View>
    </View>
  );
};

export default UserItems;

const styles = StyleSheet.create({
  search_container: {
    flexDirection: "row",
    justifyContent: "space-between",
    alignItems: "center",
    padding: 15,
  },
  search_account: {
    flexDirection: "row",
    justifyContent: "flex-start",
    alignItems: "center",
  },
  story_ava: {
    width: 40,
    height: 40,
```

```
    borderRadius: 100,
    backgroundColor: "#f0f0f0",
    marginRight: 15,
  },
  story_name: {
    fontSize: 16,
    color: "white",
    textAlign: "left",
  },
  btn_follow: {
    backgroundColor: "purple",
    paddingHorizontal: 20,
    paddingVertical: 10,
    borderRadius: 5,
  },
});
```

MyFriends

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

          <ExpSectionList />
        </View>
      </SafeAreaView>
    );
  }
}

export default MyFriends;
```

```
const styles = StyleSheet.create({
  container: {
    flex:  1,
    backgroundColor: "black",
  },
  header: {
    flex: 1,
    justifyContent: "center",
    paddingHorizontal: 10,
    backgroundColor: "orange",
  },
  body: {
    flex: 10,
    backgroundColor: "black",
  },
});
```

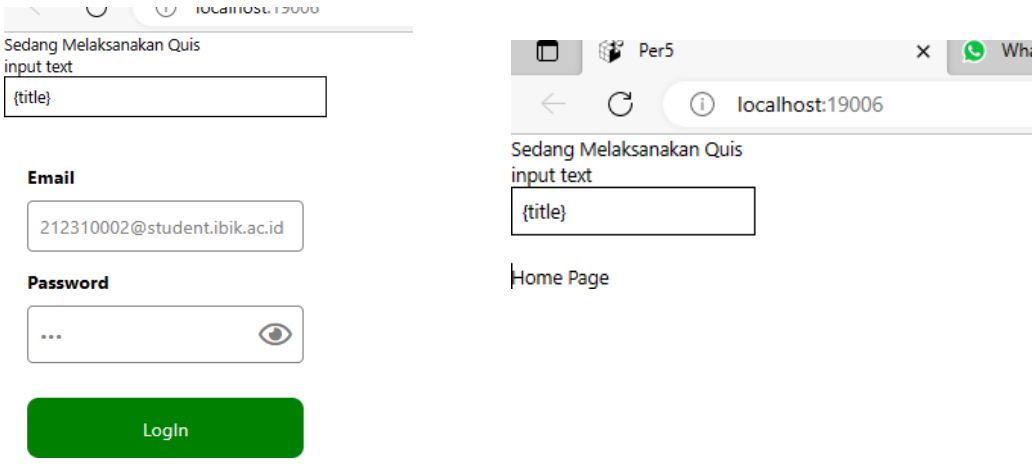
6.) input

```
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 === "212310002@student.ibik.ac.id" && password === "123") {

      setLoggedIn(true);
    } else {
      alert("Login failed");
    }
  };
  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;
```

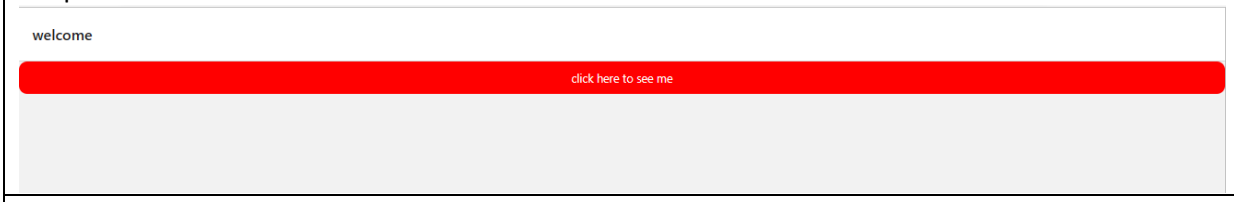
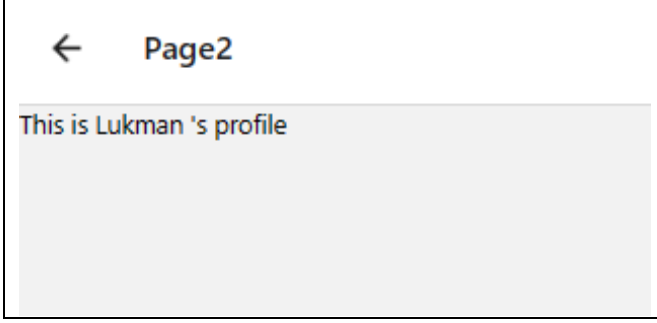
```
const styles = StyleSheet.create({
  container: {
    padding: 20,
    backgroundColor: "white",
  },
  frm_row: { marginBottom: 15 },
  text_label: {
    fontWeight: "bold",
    marginBottom: 10,
    fontSize: 16,
  },
  text_input: {
    borderWidth: 1,
    borderColor: "grey",
    borderRadius: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

Output:



7.)

```
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;
```

```
import { NativeStackNavigationOptions, NativeStackNavigationEventMap, ({ id, initialRouteName,
import { children, screenListeners, screenOptions, ...rest }: NativeStackNavigatorProps) =>
import My JSX.Element>
import { import createNativeStackNavigator
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";
```

Output: