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### Quiz- Lab.Pemograman Perangkat Bergerak

1. D:\PBB>npx create-expo-app quiz1

2. D:\PBB\Pertemuan4\p4>expo start

3. RCC

```
JS no3.js U X
JS no3.js > No3 > render
1 import React, { Component } from 'react';
2 import { View, Text, StyleSheet } from 'react-native';
3
4 class No3 extends Component {
5   render() {
6     return (
7       <View>
8         <Text>sedang quiz</Text>
9       </View>
10     );
11   }
12 }
13
14 const styles = StyleSheet.create({})
15
16 export default No3;
17
```

App.js

10.10 100% 47%

```
JS App.js > App
1 import { StatusBar } from 'expo-status-bar';
2 import { StyleSheet, Text, View } from 'react-native';
3 import No3 from './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 });
22
```

sedang quiz

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#### 4. Text Dynamic

```
JS no3js > No3 > render > padding
1 import React, { Component } from 'react';
2 import { View, Text, StyleSheet, TextInput } from 'react-native';
3
4 class No3 extends Component {
5   constructor(props){
6     super(props);
7     this.state={
8       tulisan:"Sedang quiz"
9     }
10  }
11
12  render() {
13    return (
14      <View>
15        <Text>{this.state.tulisan}</Text>
16        <Text>Masukkan Text</Text>
17        <TextInput placeholder='Sedang quiz'
18          onChangeText={(text)->this.setState({tulisan:text})}
19          style={{borderWidth:1, padding:5}}
20        />
21      </View>
22    );
23  }
24 }
25
26 const styles = StyleSheet.create({})
27
28 export default No3;
29
```

Output:

10.22 10.23 45%

Sedang melaksanakan ujian tengah semester  
Masukkan Text  
Sedang melaksanakan ujian tengah semester

Sedang quiz  
Masukkan Text  
Sedang quiz



## 5. Scrollview

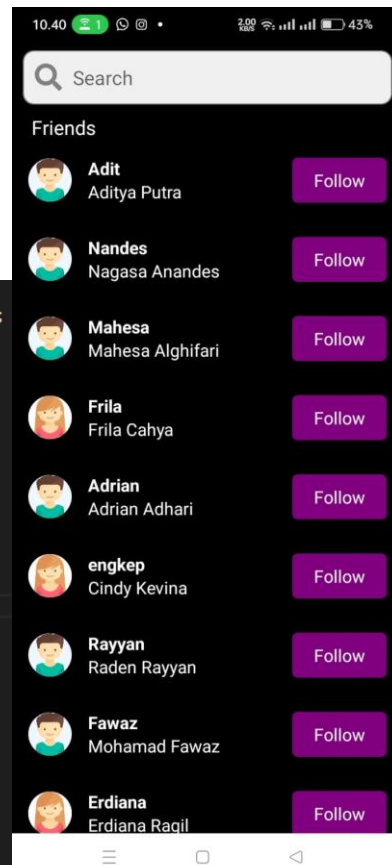
```
import React from 'react';
import {ScrollView, StyleSheet, Text} from 'react-native';
import UserItems from './UserItems';

const ExpscrollView = ({Users}) => {

  return (
    <ScrollView>
      <Text style={styles.Text}>Friends</Text>
      {Users.map((v,index)=>(
        <UserItems item={v} key={index}/>
      ))}
    </ScrollView>
  );
};

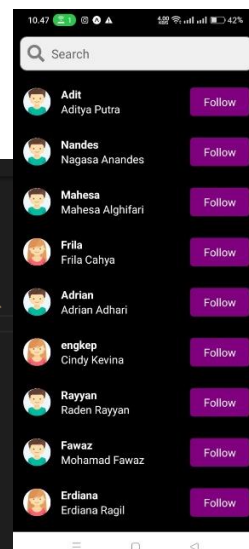
const styles = StyleSheet.create({
  Text:{
    color:'white',
    fontSize:18,
    paddingLeft:18,
  }
});

export default ExpscrollView;
```



## Flatlist

```
src > components > Friends > JS ExpscrollView.js > [0] ExpscrollView
1  import React from 'react';
2  import {Flatlist, ScrollView, StyleSheet, Text} from 'react-native';
3  import UserItems from './UserItems';
4
5  const ExpscrollView = ({Users}) => {
6
7    return (
8      <Flatlist data={Users} renderItem={({item})=><UserItems item={item}/>/>
9    )
10  }
11
12
13  const styles = StyleSheet.create({
14    Text:{
15      color:'white',
16      fontSize:18,
17      paddingLeft:18,
18    }
19  });
20
21  export default ExpscrollView;
22
```

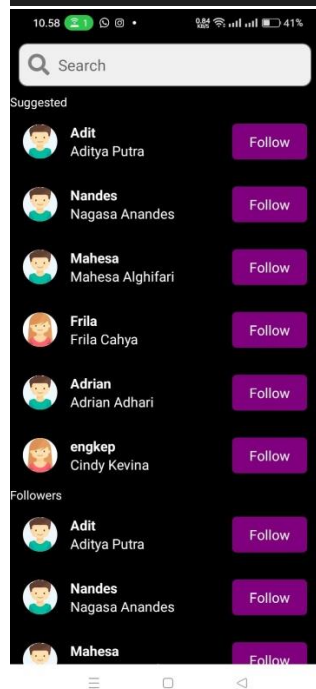


## Section List

```

src > components > Friends > JS ExpscrollViews > [0] ExpscrollView
1  import React from 'react';
2  import {FlatList, ScrollView, SectionList, StyleSheet, Text} from 'react-native';
3  import UserItems from './UserItems';
4
5  const ExpscrollView = ({Users}) => {
6      const data = [{title : "Suggested", data:Users},
7                    {title : "Followers", data:Users}];
8      return (
9          <SectionList sections={data}
10                     renderItem={({item})=><UserItems item={item}/>
11                     renderSectionHeader={({section:{title}}=><Text style={{color:"white"}}>{title}</Text>)}
12                     />
13      )
14  }
15
16
17  const styles = StyleSheet.create({
18      Text:{
19          color:'white',
20          fontSize:18,
21          paddingLeft:18,
22      }
23  })
24
25  export default ExpscrollView;
26

```



## 6. Form login

```
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';
import Page1 from './page1';
import Page2 from './Page2';

const SignIn = ({navigation}) => {
  const [email, setEmail] = 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)}
  />
  <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,

```

```

const styles = StyleSheet.create({
  container:{
    padding:20,
    backgroundColor:"white"
  },
  frm_row:{
    marginBottom:15
  },
  text_label:{
    fontWeight:"bold",
    marginBottom: 10,
    fontSize: 16
  },
  text_input:[],
  btn_sign:{
    backgroundColor:'green',
    paddingVertical:15,
    paddingHorizontal:10,
    borderRadius:10,
    marginTop:15
  },
  btn_signin_text:{
    color:'white',
    textAlign:'center',
    fontSize:16
  }
})

export default SignIn;

```

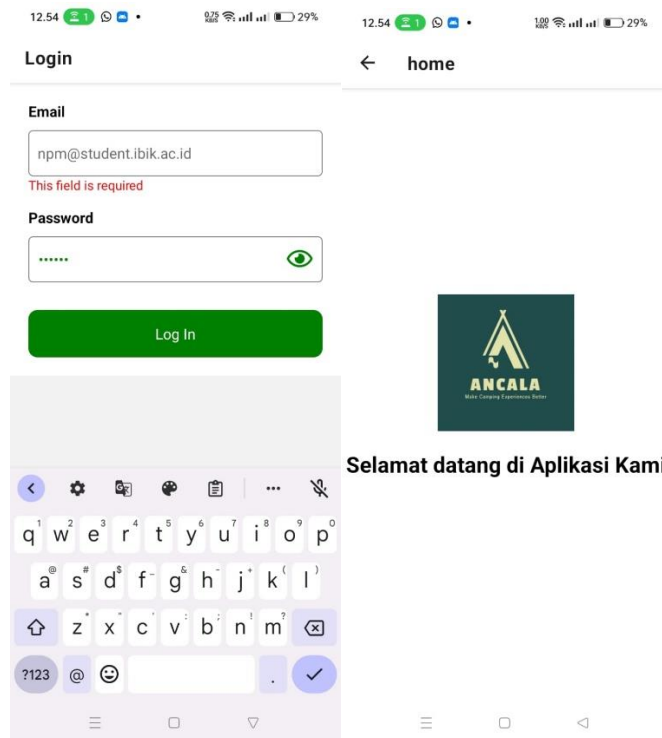
## Home Page

```

1  import React from 'react';
2  import { View, Text, StyleSheet, Image } from 'react-native';
3
4  const Home = () => {
5    return (
6      <View style={styles.container}>
7        <Image style={styles.logo} source={require('./assets/logo.png')} />
8        <Text style={styles.title}>Selamat datang di Aplikasi Kami</Text>
9      </View>
10    );
11  };
12
13  const styles = StyleSheet.create({
14    container: {
15      flex: 1,
16      backgroundColor: '#fff',
17      alignItems: 'center',
18      justifyContent: 'center',
19    },
20    logo: {
21      width: 150,
22      height: 150,
23      resizeMode: 'contain',
24      marginBottom: 20,
25    },
26    title: {
27      fontSize: 24,
28      fontWeight: 'bold',
29      marginBottom: 20,
30    },
31  });
32
33  export default Home;
34

```

Output :



## 7. Stack Navigator

```
import { NavigationContainer } from '@react-navigation/native';
import { createNativeStackNavigator } from '@react-navigation/native-stack';
import SignIn from './SignIn';
import Home from './Home';

export default function App() {

  const Stack=createNativeStackNavigator();
  return (
    <NavigationContainer>
      <Stack.Navigator>
        <Stack.Screen
          name='LOGIN'
          component={SignIn}
          options={{title:"Login"}}
        />
        <Stack.Screen name='home' component={Home}/>
      </Stack.Navigator>
    </NavigationContainer>
  );
}
```



Output :

12.54 5G 29%

Login

Email

npm@student.ibik.ac.id

This field is required

Password

\*\*\*\*\*

Log In

Tab Navigator

```
1 import { NavigationContainer } from '@react-navigation/native';
2 // import { createNativeStackNavigator } from '@react-navigation/native-stack';
3 import Page1 from './page1';
4 import Page2 from './Page2';
5 import SignIn from './SignIn';
6 import Home from './Home';
7 import { createBottomTabNavigator } from '@react-navigation/bottom-tabs';
8
9 export default function App() {
10
11   const Tab=createBottomTabNavigator();
12   return (
13     <NavigationContainer>
14     <Tab.Navigator>
15       <Tab.Screen name="home" component={Home}/>
16       <Tab.Screen name="page2" component={Page2}/>
17     </Tab.Navigator>
18   </NavigationContainer>
19 );
20 }
```

Output :

13.16 5G 27%

home



Selamat datang di Aplikasi Kami

home page2