# LAB. PEMROGRAMAN PERANGKAT BERGERAK

# LAPORAN HASIL PRAKTIKUM

## HASIL PRAKTIKUM

**Praktikum 2**
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**NPM** : **202310017**
**GITHUB** : **https://github.com/noviwdd/Pemrograman-Perangkat-Bergerak.git**

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**App.js**

```javascript
import { Component } from "react";
import { ScrollView } from "react-native";
import { ButtonComponent } from "./component/ButtonComponent";
import { ImageComponent } from "./component/ImageComponent";
import { TextComponent } from "./component/TextComponent";
import { ViewComponent } from "./component/ViewComponent";
import TextInputComponent from "./component/TextInputComponent";

export default class App extends Component{
  render() {
    return(
      <ScrollView>
        <ViewComponent/>
        <TextComponent/>
        <ButtonComponent/>
        <ImageComponent/>
        <TextInputComponent/>
      </ScrollView>
    )
  }
}
```

**ButtonComponent.js**

```javascript
import { StyleSheet, Button, View, Text, Alert } from "react-native";

export function ButtonComponent (){
    const Separator = () => (
        <View style={styles.Separator} />
    );

    return(
        <View>
            <View>
                <Text style={styles.baseText}>
                    <Text style={styles.titleText}>
```

```jsx
                    Button Element
                    {"\n"}
                </Text>
            </Text>
        </View>
        <View>
            <Button
                title="Press me"
                onPress={()=> Alert.alert('You just pressed me')}
            />
        </View>
        <Separator/>
        <Text></Text>

        <View style={styles.fixToText}>
            <Button
                title="Touch Me"
                onPress={()=> Alert.alert('You just touch me')}
            />
            <Button
                title="Click Me"
                onPress={()=> Alert.alert('You clicked me')}
            />
        </View>
    </View>
    )
}

const styles = StyleSheet.create({
    baseText: {
        fontFamily: "Cochin"
    },

    titleText: {
        fontSize: 20,
        fontWeight: "bold"
    },

    Separator: {
        marginVertical: 8,
    },

    fixToText: {
        flexDirection: "row",
        justifyContent: "space-between"
    }
})
```

**ImageComponent.js**

```jsx
import { Text, View, Image } from "react-native";
import LogoIBIK from "../assets/ibik.jpg";

export function ImageComponent(){
    return (
        <View>
            <View>
```

```jsx
                <Text>Fetching from URL</Text>
                <Image
                    source={{uri:
"https://spmi.lldikti4.or.id/files/042016/042016_logo.jpg"}}
                    style={{width: 200, height: 200}}
                />
                <Text>Institut Bisnis dan Informatika Kesatuan Bogor</Text>
            </View>
            <View>
                <Text>{"\n"} Fetching from Local Storage</Text>
                <Image
                    source={LogoIBIK}
                    style={{width: 200, height: 200}}
                />
                <Text>Institut Bisnis dan Informatika Kesatuan Bogor</Text>
            </View>
        </View>
    )
}

export default ImageComponent;
```

**TextComponent.js**

```jsx
import { useState } from "react";
import { StyleSheet, Text } from "react-native";

export function TextComponent(){
    // hooks
    const [titleText, setTitleText] = useState("Pem Perangkat Berangkat");
    const bodyText = "You just tried <text> element on react";
    // end hooks

    return(
        <Text style={styles.baseText}>
            <Text style={styles.titleText}>
                {titleText}
                {"\n"}
                {"\n"}
            </Text>
            <Text numberOfLines={5}>{bodyText}</Text>
        </Text>
    )
}

const styles = StyleSheet.create({
    baseText: {
        fontFamily: "Cochin"
    },
    titleText: {
        fontSize: 20,
        fontWeight: "bold",
    },
});

export default TextComponent;
```

**TextInputComponent.js**

```javascript
import { View, TextInput, StyleSheet } from "react-native";

export function TextInputComponent(){
    return(
        <View>
            <TextInput
                style={styles.input}
                value="Novi"
            />
            <TextInput
                style={styles.input}
                value={100}
                placeholder="useless placeholder"
                keyboardType="numeric"
            />
        </View>
    )
}

const styles = StyleSheet.create({
    input: {
        height: 40,
        margin: 12,
        borderWidth: 1,
        padding: 10,
    },
});

export default TextInputComponent;
```

**ViewComponent.js**

```javascript
import { View, Text } from "react-native";

export function ViewComponent(){
    return(
        <View
            style={{
                flexDirection: "row",
                height: 100,
                backgroundColor: "yellow",
                padding: 20
            }}
        >
            <View style={{ backgroundColor: "blue", width: 100 }}/>
            <View style={{ backgroundColor: "red", flex: 0.5, marginLeft: 3 }}/>
            <Text>Hello World</Text>
        </View>
    )
}

export default ViewComponent;
```

**RESULT**



Hello World

**Pem Perangkat Berangkat**

You just tried <text> element on react

**Button Element**

PRESS ME

TOUCH ME       CLICK ME

Fetching from URL



Institut Bisnis dan Informatika Kesatuan Bogor

Fetching from Local Storage



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