Nama : T.Fahrul Riza

**Index**

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 \* @format

 \*/

import React, {Component} from 'react';

import {AppRegistry} from 'react-native';

//import App from './App';

import {name as appName} from './app.json';

import BasicFlatlistData from './componets/basicFlatlistData';

AppRegistry.registerComponent(appName, () => BasicFlatlistData) ;

**flatlistdata**

var flatListData = [

{

"key" : "asdf1234",

"name" : "Nasi Goreng",

"imageUrl": "data:image/jpeg;base64,",

"description" : "Nasi Goreng Gila",

"link":"Nasi Goreng Gila Rp10.000"

},

{

"key" : "asdf1235",

"name" : "Ayam Geprek",

"imageUrl": "data:image/jpeg;base64,",

"description" : "Ayam Geprek",

"link":"Ayam Geprek Rp10.000"

},

{

"key" : "asdf1236",

"name" : "Nasi kerabu",

"imageUrl": "data:image/jpeg;base64,",

"description" : "Nasi Kerabu Super",

"link":"Nasi Kerabu Super Rp10.000"

},

{

"key" : "asdf1237",

"name" : "MI Goreng",

"imageUrl": "data:image/jpeg;base64,",

"description" : "Mi Goreng Khas Aceh",

"link":"Mie Aceh Rp10.000"

},

{

"key" : "asdf1238",

"name" : "Nasi Kucing",

"imageUrl": "data:image/jpeg;base64,",

"description" : "Nasi Kucing Liar",

"link":"Nasi Kucing Liar Rp10.000"

},

{

"key" : "asdf1239",

"name" : "Mie Ayam",

"imageUrl": "data:image/jpeg;base64,",

"description" : "Mie Ayam Bakso Super",

"link":"Mie Ayam Bakso Super Rp10.000"

}

];

module.exports =flatListData;

**Header**

import React from 'react';

import {StyleSheet,Text,View} from 'react-native';

export default function Header(){

    return(

    <View style={styles.header}>

        <Text style={styles.title}>RZ APP</Text>

    </View>

    )

}

const styles = StyleSheet.create({

    header:{

        backgroundColor:'skyblue',

paddingTop: 35,

height: 90,

width: 420

    },

    title:{

        textAlign : 'center',

        alignItems: 'center',

        fontSize:20,

        fontWeight:'bold',

        color: 'white',

        fontFamily: 'tahoma'

    }

});

**BasicFlatlistData**

import React,{Component} from 'react';

import{AppRegistry,FlatList,StyleSheet,Text,View,Image,Button,TouchableOpacity,Modal} from 'react-native';

import flatListData from '../data/flatListData';

import Header from '../components/header';

class FlatListItem extends Component{

    constructor(){

        super();

        this.state={

            show:false

        }

    }

    render(){

        return(

            <View style={{

                flex:1,

                flexDirection:'column',

            }}>

            <View style={{flex:1,

                flexDirection:'row',

                backgroundColor:'gray'

            // backgroundColor:this.props.index% 2==0?'gray':'black'

            }}>

                <Image

                source ={{uri:this.props.item.imageUrl}}

                style ={{width:100,height:100,margin:5}}>

                </Image>

                <View style={{flex:1,flexDirection:"column"}}>

                <TouchableOpacity onPress={()=> {this.setState({show:true})} }>

                 <Text style={styles.FlatListItem}> {this.props.item.name} </Text>

                 <Modal

                 transparent={true}

                 visible={this.state.show}

                 >

                     <View style={{backgroundColor:"#000000aa",flex:1}}>

                         <View style={{backgroundColor:"skyblue", margin:50, padding:40, borderRadius:10, flex:1}}>

                             <Text style={{textAlign:"justify", fontSize:15, color:"black"}}>

                                 {this.props.item.link}

                             </Text>

                             <Button title="Kembali" onPress={()=> {this.setState({show:false})}}/>

                         </View>

                     </View>

                 </Modal>

                 </TouchableOpacity>

                <Text style={styles.flatListItem}>{this.props.item.name}</Text>

                <Text style={styles.flatListItem}>{this.props.item.description}</Text>

            </View>

            </View>

            <View

            style={{height:1,backgroundColor:'white'}}></View>

            </View>

        )

    }

}

const styles = StyleSheet.create({

    flatListItem:{ color:'skyblue',padding: 10,fontSize:20,fontWeight:'bold'}

});

export default class BasicFlatListData extends Component{

    render(){

        return(

            <View style={{flex:1,marginTop:22}}>

                <Header/>

                <FlatList

                    data={flatListData}

                    renderItem={({item,index}) =>{

                        return(

                                <FlatListItem item={item} index={index}>

                                </FlatListItem>

                        );

                        }}

                        >

                </FlatList>

            </View>

         )

    }

}

**Hasil**

4 (a) 4 (b)

