**1. Login**

import { View, Text, Image, TextInput, TouchableOpacity, Dimensions, ScrollView, Alert, StatusBar } from 'react-native'

import React, { useState } from 'react'

import auth from '@react-native-firebase/auth'

const height = Dimensions.get('window').height;

const width = Dimensions.get('window').width;

export default function Login() {

const [email, setEmail] = useState('')

const [password, setPassword] = useState('')

const loginHandle = () => {

auth()

.signInWithEmailAndPassword(email, password)

.then(() => {

console.log('berhasil')

})

.catch(error => {

Alert.alert('Email dan Password', 'Silahkan periksa kembali email dan password anda', [

{ text: 'OK' },

]);

});

}

return (

<ScrollView style={{ height, width, backgroundColor: '#EEFCFF' }}>

<StatusBar backgroundColor={'#EEFCFF'} barStyle={'dark-content'} />

<View style={{ height: height \* 3 / 5, width, justifyContent: 'center', alignItems: 'center' }}>

<Image source={require('../../assets/images/logo.png')}

style={{ height: 350, width: 350 }}

/>

</View>

<View style={{ height: height \* 2 / 5, width, paddingHorizontal: 20, justifyContent: 'space-evenly' }}>

<View>

<Text style={{ color: '#000000' }}>Silahkan login disini</Text>

<TextInput

placeholder='Email'

keyboardType='email-address'

autoCapitalize='none'

style={{ paddingHorizontal: 20, borderRadius: 5, backgroundColor: '#FFFFFF', elevation: 3, marginBottom: 20 }}

onChangeText={setEmail}

/>

<TextInput

placeholder='Password'

secureTextEntry

style={{ paddingHorizontal: 20, borderRadius: 5, backgroundColor: '#FFFFFF', elevation: 3 }}

onChangeText={setPassword}

/>

</View>

{email == '' || password == ''

? <View

style={{ height: 40, backgroundColor: '#0077b6', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3, opacity: 0.5 }}

>

<Text style={{ color: '#FFFFFF', fontWeight: 'bold' }}>LOGIN</Text>

</View>

: <TouchableOpacity

style={{ height: 40, backgroundColor: '#0077b6', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}

onPress={() => loginHandle()}

>

<Text style={{ color: '#FFFFFF', fontWeight: 'bold' }}>LOGIN</Text>

</TouchableOpacity>

}

{/\* <View style={{ height: 30, flexDirection: 'row', justifyContent: 'center', alignItems: 'center' }}>

<Text style={{ color: '#000000' }}>Belum punya akun?</Text>

<TouchableOpacity style={{ height: 30, width: 120, backgroundColor: '#0077b6', justifyContent: 'center', alignItems: 'center', marginStart: 5, elevation: 3, borderRadius: 5 }}>

<Text style={{ color: '#FFFFFF' }}>Daftar Sekarang</Text>

</TouchableOpacity>

</View> \*/}

</View>

</ScrollView>

)

}

**2. Beranda**

import { View, Text, Dimensions, TouchableOpacity, FlatList, Image, Modal, TextInput, StatusBar, Linking, ActivityIndicator } from 'react-native'

import React, { useEffect, useState } from 'react'

import Icon from 'react-native-vector-icons/FontAwesome5'

import database from '@react-native-firebase/database'

import Geolocation from '@react-native-community/geolocation';

const height = Dimensions.get('window').height;

const width = Dimensions.get('window').width;

export default function Home({ navigation }) {

const [loading, setloading] = useState(true)

const [nama, setnama] = useState(undefined)

const [data, setData] = useState(null)

const [isVisible, setIsVisible] = useState(false)

const [harga, setHarga] = useState('')

const [deskripsi, setDeskripsi] = useState('')

const [stock, setStock] = useState('')

const [gambar, setGambar] = useState(null)

const [latlng, setLatlng] = useState([])

useEffect(() => {

const unsubscribe = database().ref('Admin/Produk/').on('value', snap => {

if (snap.val() == null) {

setloading(false)

setData(null)

} else {

let dataArr = []

snap.forEach(item => {

dataArr.push({

key: item.key,

harga: item.val().harga,

deskripsi: item.val().deskripsi,

gambar: item.val().gambar,

stock: item.val().stock

})

})

setloading(false)

setData(dataArr)

}

})

return () => {

unsubscribe

}

}, [])

useEffect(() => {

const unsubscribe = database().ref('Admin/Profile/').on('value', snap => {

if (snap.val() == null) {

setnama(undefined)

} else {

setnama(snap.val().nama)

}

})

return () => {

unsubscribe

}

}, [])

useEffect(() => {

Geolocation.getCurrentPosition(info => {

let latlng = {

latitude: info.coords.latitude,

longitude: info.coords.longitude

}

setLatlng(latlng)

})

}, [])

const mapHandle = () => {

Linking.openURL(`geo:${latlng.latitude},${latlng.longitude}`)

}

const visibleHandle = (item) => {

setDeskripsi(item.deskripsi)

setGambar(item.gambar)

setHarga(item.harga)

setStock(item.stock.toString())

setIsVisible(true)

}

const invisibleHandle = () => {

setIsVisible(false)

setDeskripsi('')

setGambar(null)

setHarga('')

setStock('')

}

const renderModal = () => {

let bilangan = harga;

let reverse = bilangan.toString().split('').reverse().join(''),

nilai = reverse.match(/\d{1,3}/g);

if (nilai == null) {

null

} else {

nilai = nilai.join('.').split('').reverse().join('');

}

return (

<View style={{ width, height, backgroundColor: '#EEFCFF' }}>

<View style={{ height: 60, backgroundColor: '#0077b6', flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center' }}>

<TouchableOpacity

onPress={() => invisibleHandle()}

style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }}

>

<Icon name='chevron-left' size={16} color='#ffffff' />

</TouchableOpacity>

<Text style={{ fontSize: 16, fontWeight: 'bold', color: '#ffffff', letterSpacing: 5 }}>LIHAT PRODUK</Text>

<View style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }} />

</View>

<View style={{ height, width, padding: 20 }}>

<View style={{ height: (height - 60) \* 2 / 5, justifyContent: 'space-evenly', alignItems: 'center' }}>

{gambar == null

? <View style={{ height: 144, width: 240, backgroundColor: '#ffffff', borderRadius: 10, elevation: 3, justifyContent: 'center', alignItems: 'center' }}>

<Text>Belum ada gambar</Text>

</View>

: <Image

style={{ height: 144, width: 240, backgroundColor: '#ffffff', borderRadius: 10, justifyContent: 'center', alignItems: 'center' }}

source={{ uri: `data:image/jpeg;base64,${gambar}` }}

/>

}

</View>

<View style={{ height: (height - 60) \* 2 / 5 }}>

<Text>Harga</Text>

<TextInput

editable={false}

style={{ paddingHorizontal: 20, borderRadius: 5, backgroundColor: '#FFFFFF', marginBottom: 20, color: '#000000' }}

value={nilai}

/>

<Text>Deskripsi</Text>

<TextInput

editable={false}

style={{ paddingHorizontal: 20, borderRadius: 5, backgroundColor: '#FFFFFF', marginBottom: 20, color: '#000000' }}

value={deskripsi}

/>

<Text>Stock</Text>

<TextInput

editable={false}

style={{ paddingHorizontal: 20, borderRadius: 5, backgroundColor: '#FFFFFF', marginBottom: 20, color: '#000000' }}

value={stock}

/>

</View>

</View>

</View>

)

}

return (

<View style={{ width, height, backgroundColor: '#EEFCFF' }}>

<StatusBar backgroundColor={'#0077b6'} />

<View style={{ height: 60, flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center', backgroundColor: '#0077b6' }}>

<View style={{ height: 60, width: 60 }} />

{nama == undefined

? <Text style={{ fontSize: 16, fontWeight: 'bold', color: '#ffffff', letterSpacing: 5, textTransform: 'uppercase' }}>Beranda</Text>

: <Text style={{ fontSize: 16, fontWeight: 'bold', color: '#ffffff', letterSpacing: 5, textTransform: 'uppercase' }}>{nama}</Text>

}

<TouchableOpacity

onPress={() => mapHandle()}

style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }}>

<Icon name='map-marked-alt' size={20} color='#ffffff' />

</TouchableOpacity>

</View>

{loading == true

? <View style={{ height: height - 120, width, justifyContent: 'center', alignItems: 'center' }}>

<ActivityIndicator size={'large'} />

</View>

: <View>

{data == null

? <View style={{ height: height - 120, width, justifyContent: 'center', alignItems: 'center' }}>

<Text>Silahkan melakukan penambahan produk</Text>

<View style={{ flexDirection: 'row' }}>

<Text>pada menu </Text>

<TouchableOpacity

onPress={() => navigation.navigate('Pengaturan')}

>

<Text style={{ color: '#0077b6', fontWeight: 'bold' }}>Pengaturan</Text>

</TouchableOpacity>

</View>

</View>

: <View style={{ height: height - 60, width, padding: 10 }}>

<FlatList

style={{ height }}

data={data}

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

let bilangan = item.harga;

let reverse = bilangan.toString().split('').reverse().join(''),

nilai = reverse.match(/\d{1,3}/g);

if (nilai == null) {

null

} else {

nilai = nilai.join('.').split('').reverse().join('');

}

return (

<TouchableOpacity

onPress={() => visibleHandle(item)}

key={item.key}

style={{ height: 90, backgroundColor: '#ffffff', elevation: 3, borderRadius: 10, margin: 5, flexDirection: 'row', padding: 5, justifyContent: 'space-between' }}>

<View style={{ flexDirection: 'row' }}>

<Image

style={{ height: 80, width: 140, backgroundColor: '#ffffff', borderRadius: 10 }}

source={{ uri: `data:image/jpeg;base64,${item.gambar}` }}

/>

<View style={{ marginLeft: 5, justifyContent: 'space-between' }}>

<Text>{item.deskripsi}</Text>

<Text>Rp {nilai},-</Text>

<Text>Stock {item.stock}</Text>

</View>

</View>

</TouchableOpacity>

)

}}

/>

</View>

}

</View>

}

<Modal

visible={isVisible}

onRequestClose={() => invisibleHandle()}

>

{isVisible == false

? null

: renderModal()

}

</Modal>

</View>

)

}

**3. Penjualan**

**3.1 Pesanan Masuk**

import { View, Text, Dimensions, FlatList, TouchableOpacity, Modal, Linking, Alert, StatusBar } from 'react-native'

import React, { useState, useEffect } from 'react'

import database from '@react-native-firebase/database'

import Icon from 'react-native-vector-icons/FontAwesome5';

const height = Dimensions.get('window').height;

const width = Dimensions.get('window').width;

export default function PesananMasuk() {

const [data, setData] = useState(null)

const [dataModal, setDataModal] = useState(null)

const [isVisible, setisVisible] = useState(false)

const [key, setkey] = useState(null)

const [longitude, setlongitude] = useState(null)

const [latitude, setlatitude] = useState(null)

const [alamat, setalamat] = useState(null)

const [nama, setnama] = useState(null)

const [nomor, setnomor] = useState(null)

const [jam, setjam] = useState(null)

const [tanggal, settanggal] = useState(null)

useEffect(() => {

const unsubscribe = database().ref('Pesanan/Masuk/').on('value', snap => {

if (snap.val() == null) {

setData(null)

} else {

let dataArr = []

snap.forEach(item => {

dataArr.push({

key: item.key,

latitude: item.val().Alamat.latitude,

longitude: item.val().Alamat.longitude,

alamat: item.val().Alamat.alamat,

nama: item.val().Info\_User.nama,

nomor: item.val().Info\_User.nomor,

jam: item.val().Info\_User.jam,

tanggal: item.val().Info\_User.tanggal,

})

})

setData(dataArr)

}

})

return () => {

unsubscribe

}

}, [])

const visibleHandle = (item) => {

database().ref(`Pesanan/Masuk/${item.key}/Pesanan/`).once('value', snap => {

if (snap == null) {

null

} else {

let dataArr = []

snap.forEach(item1 => {

dataArr.push({

key: item1.key,

harga: item1.val().harga,

produk: item1.val().nama\_barang,

quantity: item1.val().quantity,

total\_harga: item1.val().total\_harga

})

})

setDataModal(dataArr)

}

})

setkey(item.key)

setlatitude(item.latitude)

setlongitude(item.longitude)

setalamat(item.alamat)

setnama(item.nama)

setnomor(item.nomor)

setjam(item.jam)

settanggal(item.tanggal)

setisVisible(true)

}

const invisibleHandle = () => {

setkey(null)

setlatitude(null)

setlongitude(null)

setalamat(null)

setnama(null)

setnomor(null)

setjam(null)

settanggal(null)

setisVisible(false)

}

const mapsHandle = () => {

const location = `${latitude},${longitude}`

Linking.openURL(`geo:${location}?center=${location}&q=${location}&z=16`)

}

const phoneHandle = () => {

Linking.openURL(`tel:${nomor}`)

}

const konfirmHandle = () => {

Alert.alert('', 'Konfirmasi pesanan?', [

{

text: 'Batal'

},

{

text: 'Ya', onPress: () => {

database().ref(`Pesanan/Dikirim/${key}/`).update({

Alamat: {

latitude, longitude, alamat

},

Info\_User: {

nama, nomor, jam, tanggal

},

}).then(() => {

dataModal.forEach(child => {

database().ref(`Pesanan/Dikirim/${key}/Pesanan/${child.key}/`).update({

harga: child.harga, nama\_barang: child.produk, total\_harga: child.total\_harga, quantity: child.quantity

}).then(() => {

database().ref(`Pesanan/Masuk/${key}/`).remove()

.then(() => {

invisibleHandle()

})

})

})

})

}

},

])

}

const renderModal = () => {

let total1 = 0

dataModal.forEach(child => {

total1 = total1 + child.total\_harga

})

let bilangan1 = total1;

let reverse1 = bilangan1.toString().split('').reverse().join(''),

nilai1 = reverse1.match(/\d{1,3}/g);

if (nilai1 == null) {

null

} else {

nilai1 = nilai1.join('.').split('').reverse().join('');

}

return (

<View style={{ width, height, backgroundColor: '#EEFCFF' }}>

<View style={{ height: 60, backgroundColor: '#0077b6', flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center' }}>

<TouchableOpacity

onPress={() => invisibleHandle()}

style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }}

>

<Icon name='chevron-left' size={16} color='#ffffff' />

</TouchableOpacity>

<Text style={{ fontSize: 16, fontWeight: 'bold', color: '#ffffff' }}>Detail Pesanan</Text>

<View style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }} />

</View>

<View style={{ height: height - 60, width, justifyContent: 'space-between', padding: 20 }}>

<View style={{}}>

<View style={{ alignItems: 'flex-end' }}>

<Text>{jam} - {tanggal}</Text>

</View>

<View style={{ height: 60, marginBottom: 5 }}>

<Text>Nama Pemesan</Text>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000', marginLeft: 20 }}>{nama}</Text>

</View>

<View style={{ height: 60, flexDirection: 'row', justifyContent: 'space-between', marginBottom: 5 }}>

<View>

<Text>Nomor Telepon</Text>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000', marginLeft: 20 }}>{nomor}</Text>

</View>

<TouchableOpacity

onPress={() => phoneHandle()}

style={{ height: 40, width: 40, backgroundColor: '#EEFCFF', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}>

<Icon name='phone' size={20} color='#0077b6' />

</TouchableOpacity>

</View>

<View style={{ height: 60, width: width - 40, flexDirection: 'row', justifyContent: 'space-between', marginBottom: 5 }}>

<View style={{ width: width - 120 }}>

<Text>Alamat</Text>

<Text

numberOfLines={1}

style={{ fontWeight: 'bold', fontSize: 16, color: '#000000', marginLeft: 20 }}>{alamat}</Text>

</View>

<TouchableOpacity

onPress={() => mapsHandle()}

style={{ height: 40, width: 40, backgroundColor: '#EEFCFF', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}>

<Icon name='map-marked-alt' size={20} color='#0077b6' />

</TouchableOpacity>

</View>

<FlatList

style={{}}

data={dataModal}

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

let bilangan = item.total\_harga;

let reverse = bilangan.toString().split('').reverse().join(''),

nilai = reverse.match(/\d{1,3}/g);

if (nilai == null) {

null

} else {

nilai = nilai.join('.').split('').reverse().join('');

}

return (

<View style={{ height: 60, marginBottom: 5 }}>

<Text>Produk {index + 1}</Text>

<View style={{ flexDirection: 'row', justifyContent: 'space-between' }}>

<View style={{ width: (width - 60) \* 3 / 5 }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000', marginLeft: 20 }}>{item.produk}</Text>

</View>

<View style={{ width: (width - 60) \* 0.5 / 5 }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>x{item.quantity}</Text>

</View>

<View style={{ width: (width - 60) \* 1.5 / 5, flexDirection: 'row', justifyContent: 'space-between' }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>Rp</Text>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>{nilai},-</Text>

</View>

</View>

</View>

)

}}

/>

</View>

<View style={{ height: 100 }}>

<View style={{ height: 40, marginBottom: 20, flexDirection: 'row', justifyContent: 'space-between' }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>Total Pembayaran:</Text>

<View style={{ width: (width - 60) \* 1.5 / 5, flexDirection: 'row', justifyContent: 'space-between' }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>Rp</Text>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>{nilai1},-</Text>

</View>

</View>

<TouchableOpacity

onPress={() => konfirmHandle()}

style={{ height: 40, backgroundColor: '#0077b6', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}>

<Text style={{ color: '#FFFFFF', fontWeight: 'bold' }}>Konfirmasi</Text>

</TouchableOpacity>

</View>

</View>

</View>

)

}

return (

<View style={{ width, height, backgroundColor: '#EEFCFF' }}>

<StatusBar backgroundColor={'#0077b6'} />

{data == null

? <View style={{ height: height - 120, width, justifyContent: 'center', alignItems: 'center' }}>

<Text>Belum ada pesanan masuk</Text>

</View>

: <View style={{ height: height - 60, width, padding: 10 }}>

<FlatList

style={{ height }}

data={data}

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

return (

<TouchableOpacity

onPress={() => visibleHandle(item)}

key={item.key}

style={{ height: 90, backgroundColor: '#ffffff', elevation: 3, borderRadius: 10, margin: 5, flexDirection: 'row', padding: 10, justifyContent: 'space-between' }}>

<View style={{ width: width - 50, justifyContent: 'space-between' }}>

<View style={{ flexDirection: 'row', justifyContent: 'space-between' }}>

<Text style={{ fontSize: 18, color: '#000000' }}>{item.nama}</Text>

<Text >{item.tanggal}</Text>

</View>

<View style={{ flexDirection: 'row', justifyContent: 'space-between' }}>

<Text>{item.nomor}</Text>

<Text >{item.jam}</Text>

</View>

<Text numberOfLines={1}>{item.alamat}</Text>

</View>

</TouchableOpacity>

)

}}

/>

</View>

}

<Modal

visible={isVisible}

onRequestClose={() => invisibleHandle()}

>

{dataModal == null

? null

: renderModal()

}

</Modal>

</View>

)

}

**3.2 Dikirim**

import { View, Text, Dimensions, FlatList, TouchableOpacity, Modal, Linking, Alert, StatusBar } from 'react-native'

import React, { useState, useEffect } from 'react'

import database from '@react-native-firebase/database'

import Icon from 'react-native-vector-icons/FontAwesome5';

const height = Dimensions.get('window').height;

const width = Dimensions.get('window').width;

export default function Dikirim() {

const [data, setData] = useState(null)

const [dataModal, setDataModal] = useState(null)

const [isVisible, setisVisible] = useState(false)

const [key, setkey] = useState(null)

const [longitude, setlongitude] = useState(null)

const [latitude, setlatitude] = useState(null)

const [alamat, setalamat] = useState(null)

const [nama, setnama] = useState(null)

const [nomor, setnomor] = useState(null)

const [jam, setjam] = useState(null)

const [tanggal, settanggal] = useState(null)

useEffect(() => {

const unsubscribe = database().ref('Pesanan/Dikirim/').on('value', snap => {

if (snap.val() == null) {

setData(null)

} else {

let dataArr = []

snap.forEach(item => {

dataArr.push({

key: item.key,

latitude: item.val().Alamat.latitude,

longitude: item.val().Alamat.longitude,

alamat: item.val().Alamat.alamat,

nama: item.val().Info\_User.nama,

nomor: item.val().Info\_User.nomor,

jam: item.val().Info\_User.jam,

tanggal: item.val().Info\_User.tanggal,

})

})

setData(dataArr)

}

})

return () => {

unsubscribe

}

}, [])

const visibleHandle = (item) => {

database().ref(`Pesanan/Dikirim/${item.key}/Pesanan/`).once('value', snap => {

if (snap == null) {

null

} else {

let dataArr = []

snap.forEach(item1 => {

dataArr.push({

key: item1.key,

harga: item1.val().harga,

produk: item1.val().nama\_barang,

quantity: item1.val().quantity,

total\_harga: item1.val().total\_harga

})

})

setDataModal(dataArr)

}

})

setkey(item.key)

setlatitude(item.latitude)

setlongitude(item.longitude)

setalamat(item.alamat)

setnama(item.nama)

setnomor(item.nomor)

setjam(item.jam)

settanggal(item.tanggal)

setisVisible(true)

}

const invisibleHandle = () => {

setisVisible(false)

setkey(null)

setlatitude(null)

setlongitude(null)

setalamat(null)

setnama(null)

setnomor(null)

setjam(null)

settanggal(null)

}

const mapsHandle = () => {

const location = `${latitude},${longitude}`

Linking.openURL(`geo:${location}?center=${location}&q=${location}&z=16`)

}

const phoneHandle = () => {

Linking.openURL(`tel:${nomor}`)

}

const selesaiHandle = () => {

Alert.alert('', 'Selesaikan pesanan?', [

{

text: 'Batal'

},

{

text: 'Ya', onPress: () => {

const newReference = database().ref(`Pesanan/Selesai/`).push();

newReference.set({

Alamat: {

latitude, longitude, alamat

},

Info\_User: {

nama, nomor, jam, tanggal, id: key

},

})

database().ref(`User/Account/${key}/History/${newReference.key}/`).set({

Alamat: {

latitude, longitude, alamat

},

Info\_User: {

jam, tanggal

}

})

dataModal.forEach(child => {

database().ref(`Pesanan/Selesai/${newReference.key}/Pesanan/${child.key}/`).update({

harga: child.harga, nama\_barang: child.produk, total\_harga: child.total\_harga, quantity: child.quantity

})

database().ref(`Admin/Produk/${child.key}/`).once('value', snap => {

const {stock} = snap.val()

const quantity = stock - child.quantity

database().ref(`Admin/Produk/${child.key}/`).update({

stock: quantity

})

})

database().ref(`User/Account/${key}/History/${newReference.key}/Pesanan/${child.key}/`).update({

harga: child.harga, nama\_barang: child.produk, total\_harga: child.total\_harga, quantity: child.quantity

})

})

database().ref(`Pesanan/Dikirim/${key}/`).remove().then(() => invisibleHandle())

}

},

])

}

const renderModal = () => {

let total1 = 0

dataModal.forEach(child => {

total1 = total1 + child.total\_harga

})

let bilangan1 = total1;

let reverse1 = bilangan1.toString().split('').reverse().join(''),

nilai1 = reverse1.match(/\d{1,3}/g);

if (nilai1 == null) {

null

} else {

nilai1 = nilai1.join('.').split('').reverse().join('');

}

return (

<View style={{ width, height, backgroundColor: '#EEFCFF' }}>

<View style={{ height: 60, backgroundColor: '#0077b6', flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center' }}>

<TouchableOpacity

onPress={() => invisibleHandle()}

style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }}

>

<Icon name='chevron-left' size={16} color='#ffffff' />

</TouchableOpacity>

<Text style={{ fontSize: 16, fontWeight: 'bold', color: '#ffffff' }}>Detail Pesanan</Text>

<View style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }} />

</View>

<View style={{ height: height - 60, width, justifyContent: 'space-between', padding: 20 }}>

<View style={{}}>

<View style={{ alignItems: 'flex-end' }}>

<Text>{jam} - {tanggal}</Text>

</View>

<View style={{ height: 60, marginBottom: 5 }}>

<Text>Nama Pemesan</Text>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000', marginLeft: 20 }}>{nama}</Text>

</View>

<View style={{ height: 60, flexDirection: 'row', justifyContent: 'space-between', marginBottom: 5 }}>

<View>

<Text>Nomor Telepon</Text>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000', marginLeft: 20 }}>{nomor}</Text>

</View>

<TouchableOpacity

onPress={() => phoneHandle()}

style={{ height: 40, width: 40, backgroundColor: '#EEFCFF', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}>

<Icon name='phone' size={20} color='#0077b6' />

</TouchableOpacity>

</View>

<View style={{ height: 60, width: width - 40, flexDirection: 'row', justifyContent: 'space-between', marginBottom: 5 }}>

<View style={{ width: width - 120 }}>

<Text>Alamat</Text>

<Text

numberOfLines={1}

style={{ fontWeight: 'bold', fontSize: 16, color: '#000000', marginLeft: 20 }}>{alamat}</Text>

</View>

<TouchableOpacity

onPress={() => mapsHandle()}

style={{ height: 40, width: 40, backgroundColor: '#EEFCFF', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}>

<Icon name='map-marked-alt' size={20} color='#0077b6' />

</TouchableOpacity>

</View>

<FlatList

style={{}}

data={dataModal}

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

let bilangan = item.total\_harga;

let reverse = bilangan.toString().split('').reverse().join(''),

nilai = reverse.match(/\d{1,3}/g);

if (nilai == null) {

null

} else {

nilai = nilai.join('.').split('').reverse().join('');

}

return (

<View style={{ height: 60, marginBottom: 5 }}>

<Text>Produk {index + 1}</Text>

<View style={{ flexDirection: 'row', justifyContent: 'space-between' }}>

<View style={{ width: (width - 60) \* 3 / 5 }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000', marginLeft: 20 }}>{item.produk}</Text>

</View>

<View style={{ width: (width - 60) \* 0.5 / 5 }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>x{item.quantity}</Text>

</View>

<View style={{ width: (width - 60) \* 1.5 / 5, flexDirection: 'row', justifyContent: 'space-between' }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>Rp</Text>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>{nilai},-</Text>

</View>

</View>

</View>

)

}}

/>

</View>

<View style={{ height: 100 }}>

<View style={{ height: 40, marginBottom: 20, flexDirection: 'row', justifyContent: 'space-between' }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>Total Pembayaran:</Text>

<View style={{ width: (width - 60) \* 1.5 / 5, flexDirection: 'row', justifyContent: 'space-between' }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>Rp</Text>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>{nilai1},-</Text>

</View>

</View>

<TouchableOpacity

onPress={() => selesaiHandle()}

style={{ height: 40, backgroundColor: '#0077b6', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}>

<Text style={{ color: '#FFFFFF', fontWeight: 'bold' }}>Selesai</Text>

</TouchableOpacity>

</View>

</View>

</View>

)

}

return (

<View style={{ width, height, backgroundColor: '#EEFCFF' }}>

<StatusBar backgroundColor={'#0077b6'} />

{data == null

? <View style={{ height: height - 120, width, justifyContent: 'center', alignItems: 'center' }}>

<Text>Kosong</Text>

</View>

: <View style={{ height: height - 60, width, padding: 10 }}>

<FlatList

style={{ height }}

data={data}

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

return (

<TouchableOpacity

onPress={() => visibleHandle(item)}

key={item.key}

style={{ height: 90, backgroundColor: '#ffffff', elevation: 3, borderRadius: 10, margin: 5, flexDirection: 'row', padding: 10, justifyContent: 'space-between' }}>

<View style={{ width: width - 50, justifyContent: 'space-between' }}>

<View style={{ flexDirection: 'row', justifyContent: 'space-between' }}>

<Text style={{ fontSize: 18, color: '#000000' }}>{item.nama}</Text>

<Text >{item.tanggal}</Text>

</View>

<View style={{ flexDirection: 'row', justifyContent: 'space-between' }}>

<Text>{item.nomor}</Text>

<Text >{item.jam}</Text>

</View>

<Text numberOfLines={1}>{item.alamat}</Text>

</View>

</TouchableOpacity>

)

}}

/>

</View>

}

<Modal

visible={isVisible}

onRequestClose={() => invisibleHandle()}

>

{dataModal == null

? null

: renderModal()

}

</Modal>

</View>

)

}

**3.3 Selesai**

import { View, Text, Dimensions, FlatList, TouchableOpacity, Modal, Linking, StatusBar, Alert } from 'react-native'

import React, { useState, useEffect } from 'react'

import database from '@react-native-firebase/database'

import Icon from 'react-native-vector-icons/FontAwesome5';

const height = Dimensions.get('window').height;

const width = Dimensions.get('window').width;

export default function Dikirim() {

const [data, setData] = useState(null)

const [dataModal, setDataModal] = useState(null)

const [isVisible, setisVisible] = useState(false)

const [longitude, setlongitude] = useState(null)

const [latitude, setlatitude] = useState(null)

const [alamat, setalamat] = useState(null)

const [nama, setnama] = useState(null)

const [nomor, setnomor] = useState(null)

const [jam, setjam] = useState(null)

const [tanggal, settanggal] = useState(null)

const [keyPesanan, setkeyPesanan] = useState(null)

const [id, setId] = useState(null)

useEffect(() => {

const unsubscribe = database().ref('Pesanan/Selesai/').on('value', snap => {

if (snap.val() == null) {

setData(null)

} else {

let dataArr = []

snap.forEach(item => {

dataArr.push({

key: item.key,

latitude: item.val().Alamat.latitude,

longitude: item.val().Alamat.longitude,

alamat: item.val().Alamat.alamat,

id: item.val().Info\_User.id,

nama: item.val().Info\_User.nama,

nomor: item.val().Info\_User.nomor,

jam: item.val().Info\_User.jam,

tanggal: item.val().Info\_User.tanggal,

})

})

setData(dataArr)

}

})

return () => {

unsubscribe

}

}, [])

const visibleHandle = (item) => {

database().ref(`Pesanan/Selesai/${item.key}/Pesanan/`).once('value', snap => {

if (snap == null) {

null

} else {

let dataArr = []

snap.forEach(item1 => {

dataArr.push({

key: item1.key,

harga: item1.val().harga,

produk: item1.val().nama\_barang,

quantity: item1.val().quantity,

total\_harga: item1.val().total\_harga

})

})

setDataModal(dataArr)

}

})

setlatitude(item.latitude)

setlongitude(item.longitude)

setalamat(item.alamat)

setnama(item.nama)

setnomor(item.nomor)

setjam(item.jam)

settanggal(item.tanggal)

setkeyPesanan(item.key)

setId(item.id)

setisVisible(true)

}

const hapusHandle = () => {

Alert.alert('', 'Hapus riwayat?', [

{

text: 'Batal'

},

{

text: 'Hapus', onPress: () => {

database().ref(`User/Account/${id}/History/${keyPesanan}/`).remove()

database().ref(`Pesanan/Selesai/${keyPesanan}/`).remove()

.then(() => invisibleHandle())

}

},

])

}

const invisibleHandle = () => {

setisVisible(false)

setlatitude(null)

setlongitude(null)

setalamat(null)

setnama(null)

setnomor(null)

setjam(null)

settanggal(null)

setkeyPesanan(null)

setId(null)

}

const mapsHandle = () => {

const location = `${latitude},${longitude}`

Linking.openURL(`geo:${location}?center=${location}&q=${location}&z=16`)

}

const phoneHandle = () => {

Linking.openURL(`tel:${nomor}`)

}

const renderModal = () => {

let total1 = 0

dataModal.forEach(child => {

total1 = total1 + child.total\_harga

})

let bilangan1 = total1;

let reverse1 = bilangan1.toString().split('').reverse().join(''),

nilai1 = reverse1.match(/\d{1,3}/g);

if (nilai1 == null) {

null

} else {

nilai1 = nilai1.join('.').split('').reverse().join('');

}

return (

<View style={{ width, height, backgroundColor: '#EEFCFF' }}>

<View style={{ height: 60, backgroundColor: '#0077b6', flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center' }}>

<TouchableOpacity

onPress={() => invisibleHandle()}

style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }}

>

<Icon name='chevron-left' size={16} color='#ffffff' />

</TouchableOpacity>

<Text style={{ fontSize: 16, fontWeight: 'bold', color: '#ffffff' }}>Detail Pesanan</Text>

<TouchableOpacity

onPress={() => hapusHandle()}

style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }} >

<Icon name='trash' size={16} color='#ffffff' />

</TouchableOpacity>

</View>

<View style={{ height: height - 60, width, justifyContent: 'space-between', padding: 20 }}>

<View style={{}}>

<View style={{ alignItems: 'flex-end' }}>

<Text>{jam} - {tanggal}</Text>

</View>

<View style={{ height: 60, marginBottom: 5 }}>

<Text>Id Pesanan</Text>

<View style={{ flexDirection: 'row', justifyContent: 'space-between' }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000', marginLeft: 20 }}>{keyPesanan}</Text>

</View>

</View>

<View style={{ height: 60, marginBottom: 5 }}>

<Text>Nama Pemesan</Text>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000', marginLeft: 20 }}>{nama}</Text>

</View>

<View style={{ height: 60, flexDirection: 'row', justifyContent: 'space-between', marginBottom: 5 }}>

<View>

<Text>Nomor Telepon</Text>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000', marginLeft: 20 }}>{nomor}</Text>

</View>

<TouchableOpacity

onPress={() => phoneHandle()}

style={{ height: 40, width: 40, backgroundColor: '#EEFCFF', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}>

<Icon name='phone' size={20} color='#0077b6' />

</TouchableOpacity>

</View>

<View style={{ height: 60, width: width - 40, flexDirection: 'row', justifyContent: 'space-between', marginBottom: 5 }}>

<View style={{ width: width - 120 }}>

<Text>Alamat</Text>

<Text

numberOfLines={1}

style={{ fontWeight: 'bold', fontSize: 16, color: '#000000', marginLeft: 20 }}>{alamat}</Text>

</View>

<TouchableOpacity

onPress={() => mapsHandle()}

style={{ height: 40, width: 40, backgroundColor: '#EEFCFF', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}>

<Icon name='map-marked-alt' size={20} color='#0077b6' />

</TouchableOpacity>

</View>

<FlatList

style={{}}

data={dataModal}

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

let bilangan = item.total\_harga;

let reverse = bilangan.toString().split('').reverse().join(''),

nilai = reverse.match(/\d{1,3}/g);

if (nilai == null) {

null

} else {

nilai = nilai.join('.').split('').reverse().join('');

}

return (

<View style={{ height: 60, marginBottom: 5 }}>

<Text>Produk {index + 1}</Text>

<View style={{ flexDirection: 'row', justifyContent: 'space-between' }}>

<View style={{ width: (width - 60) \* 3 / 5 }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000', marginLeft: 20 }}>{item.produk}</Text>

</View>

<View style={{ width: (width - 60) \* 0.5 / 5 }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>x{item.quantity}</Text>

</View>

<View style={{ width: (width - 60) \* 1.5 / 5, flexDirection: 'row', justifyContent: 'space-between' }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>Rp</Text>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>{nilai},-</Text>

</View>

</View>

</View>

)

}}

/>

</View>

<View style={{ height: 40 }}>

<View style={{ height: 40, marginBottom: 20, flexDirection: 'row', justifyContent: 'space-between' }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>Total Pembayaran:</Text>

<View style={{ width: (width - 60) \* 1.5 / 5, flexDirection: 'row', justifyContent: 'space-between' }}>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>Rp</Text>

<Text style={{ fontWeight: 'bold', fontSize: 16, color: '#000000' }}>{nilai1},-</Text>

</View>

</View>

</View>

</View>

</View>

)

}

return (

<View style={{ width, height, backgroundColor: '#EEFCFF' }}>

<StatusBar backgroundColor={'#0077b6'} />

{data == null

? <View style={{ height: height - 120, width, justifyContent: 'center', alignItems: 'center' }}>

<Text>Kosong</Text>

</View>

: <View style={{ height: height - 110, width, padding: 10 }}>

<FlatList

data={data}

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

return (

<TouchableOpacity

onPress={() => visibleHandle(item)}

key={item.key}

style={{ height: 90, backgroundColor: '#ffffff', elevation: 3, borderRadius: 10, margin: 5, flexDirection: 'row', padding: 10, justifyContent: 'space-between' }}>

<View style={{ width: width - 50, justifyContent: 'space-between' }}>

<View style={{ flexDirection: 'row', justifyContent: 'space-between' }}>

<Text style={{ fontSize: 18, color: '#000000' }}>{item.nama}</Text>

<Text >{item.tanggal}</Text>

</View>

<View style={{ flexDirection: 'row', justifyContent: 'space-between' }}>

<Text>{item.nomor}</Text>

<Text >{item.jam}</Text>

</View>

<Text numberOfLines={1}>{item.alamat}</Text>

</View>

</TouchableOpacity>

)

}}

/>

</View>

}

<Modal

visible={isVisible}

onRequestClose={() => invisibleHandle()}

>

{dataModal == null

? null

: renderModal()

}

</Modal>

</View>

)

}

**4. Pengaturan**

import { View, Text, Dimensions, TouchableOpacity, Alert, StatusBar } from 'react-native'

import React from 'react'

import Icon from 'react-native-vector-icons/FontAwesome5'

import auth from '@react-native-firebase/auth'

const height = Dimensions.get('window').height - 49;

const width = Dimensions.get('window').width;

export default function Pengaturan({ navigation }) {

const signOutHandle = () => {

Alert.alert('', 'Keluar dari akun?', [

{ text: 'Ya', onPress: () => auth().signOut() },

{ text: 'Batal' },

]);

}

return (

<View style={{ width, height, backgroundColor: '#EEFCFF' }}>

<StatusBar backgroundColor={'#0077b6'} />

<View style={{ height: 60, backgroundColor: '#0077b6', justifyContent: 'center', alignItems: 'center' }}>

<Text style={{ fontSize: 16, fontWeight: 'bold', color: '#ffffff', letterSpacing: 5 }}>PENGATURAN</Text>

</View>

<View style={{ justifyContent: 'space-between', height: height - 60, padding: 20 }}>

<View style={{ height: 110, justifyContent: 'space-between' }}>

<TouchableOpacity

onPress={() => navigation.navigate('Produk')}

style={{

height: 50, flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center',

elevation: 5, backgroundColor: '#ffffff', paddingHorizontal: 10, borderRadius: 5

}}>

<Text style={{ fontSize: 16, fontWeight: 'bold' }}>Produk</Text>

<Icon name='chevron-right' size={20} />

</TouchableOpacity>

<TouchableOpacity

onPress={() => navigation.navigate('Akun')}

style={{

height: 50, flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center',

elevation: 5, backgroundColor: '#ffffff', paddingHorizontal: 10, borderRadius: 5

}}>

<Text style={{ fontSize: 16, fontWeight: 'bold' }}>Akun</Text>

<Icon name='chevron-right' size={20} />

</TouchableOpacity>

</View>

<TouchableOpacity

onPress={signOutHandle}

style={{

height: 50, flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center',

elevation: 5, backgroundColor: '#ffffff', paddingHorizontal: 10, borderRadius: 5

}}>

<Text style={{ fontSize: 16, fontWeight: 'bold' }}>Keluar</Text>

<Icon name='sign-out-alt' size={20} color='#FE4964' />

</TouchableOpacity>

</View>

</View>

)

}

**4.1 Produk**

import { View, Text, Dimensions, TouchableOpacity, FlatList, Image, Alert, Modal, ScrollView, TextInput, ActivityIndicator, StatusBar } from 'react-native'

import React, { useEffect, useState } from 'react'

import Icon from 'react-native-vector-icons/FontAwesome5'

import database from '@react-native-firebase/database'

import { launchCamera, launchImageLibrary } from 'react-native-image-picker';

const height = Dimensions.get('window').height;

const width = Dimensions.get('window').width;

export default function Produk({ navigation }) {

const [loading, setloading] = useState(true)

const [data, setData] = useState(null)

const [isVisible, setIsVisible] = useState(false)

const [harga, setHarga] = useState('')

const [deskripsi, setDeskripsi] = useState('')

const [stock, setStock] = useState('')

const [gambar, setGambar] = useState(null)

const [keyData, setKeyData] = useState(null)

useEffect(() => {

const unsubscribe = database().ref('Admin/Produk/').on('value', snap => {

if (snap.val() == null) {

setloading(false)

setData(null)

} else {

let dataArr = []

snap.forEach(item => {

dataArr.push({

key: item.key,

harga: item.val().harga,

deskripsi: item.val().deskripsi,

gambar: item.val().gambar,

stock: item.val().stock

})

})

setloading(false)

setData(dataArr)

}

})

return () => {

unsubscribe

}

}, [])

const hapusHandle = (item) => {

Alert.alert('', `Hapus ${item.deskripsi}?`, [

{ text: 'Batal' },

{ text: 'Hapus', onPress: () => database().ref(`Admin/Produk/${item.key}`).remove() },

])

}

const visibleHandle = (item) => {

setDeskripsi(item.deskripsi)

setGambar(item.gambar)

setHarga(item.harga)

setStock(item.stock.toString())

setKeyData(item.key)

setIsVisible(true)

}

const invisibleHandle = () => {

setIsVisible(false)

setDeskripsi('')

setGambar(null)

setHarga('')

setStock('')

setKeyData(null)

}

const ambilHandle = () => {

Alert.alert('', 'Pilih penyimpanan', [

{ text: 'Batal' },

{ text: 'Galeri', onPress: () => openGalery() },

{ text: 'Kamera', onPress: () => openCamera() },

]);

}

const updateHandle = () => {

Alert.alert('', 'Simpan perubahan?', [

{ text: 'Batal' },

{

text: 'Ya', onPress: () => {

database().ref(`Admin/Produk/${keyData}`).update({ harga, deskripsi, stock, gambar })

.then(setHarga(''), setDeskripsi(''), setStock(''), setGambar(null), setKeyData(null),

Alert.alert('', 'Data tersimpan', [

{ text: 'Tutup', onPress: () => setIsVisible(false) },

])

)

.catch(err => {

console.log(err)

Alert.alert('', 'Gagal', [

{ text: 'Ok' },

])

})

}

},

]);

}

const options = {

mediaType: 'photo',

includeBase64: true,

maxHeight: 2000,

maxWidth: 2000,

};

const openGalery = () => {

launchImageLibrary(options, (response) => {

if (response.didCancel) {

console.log('User cancelled image picker');

} else if (response.error) {

console.log('Image picker error: ', response.error);

} else {

let imageBase64 = response.base64 || response.assets?.[0]?.base64;

setGambar(imageBase64);

}

});

};

const openCamera = () => {

launchCamera(options, (response) => {

if (response.didCancel) {

console.log('User cancelled image picker');

} else if (response.error) {

console.log('Image picker error: ', response.error);

} else {

let imageBase64 = response.base64 || response.assets?.[0]?.base64;

setGambar(imageBase64);

}

});

};

const renderModal = () => {

return (

<ScrollView style={{ width, height, backgroundColor: '#EEFCFF' }}>

<View style={{ height: 60, backgroundColor: '#0077b6', flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center' }}>

<TouchableOpacity

onPress={() => invisibleHandle()}

style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }}

>

<Icon name='chevron-left' size={16} color='#ffffff' />

</TouchableOpacity>

<Text style={{ fontSize: 16, fontWeight: 'bold', color: '#ffffff', letterSpacing: 5 }}>UBAH PRODUK</Text>

<View style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }} />

</View>

<View style={{ height, width, padding: 20 }}>

<View style={{ height: (height - 60) \* 2 / 5, justifyContent: 'space-evenly', alignItems: 'center' }}>

{gambar == null

? <View style={{ height: 144, width: 240, backgroundColor: '#ffffff', borderRadius: 10, elevation: 3, justifyContent: 'center', alignItems: 'center' }}>

<Text>Belum ada gambar</Text>

</View>

: <Image

style={{ height: 144, width: 240, backgroundColor: '#ffffff', borderRadius: 10, justifyContent: 'center', alignItems: 'center' }}

source={{ uri: `data:image/jpeg;base64,${gambar}` }}

/>

}

<TouchableOpacity

onPress={() => ambilHandle()}

style={{ height: 40, width: 120, backgroundColor: '#ffffff', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}>

<Text style={{ color: '#0077b6', fontWeight: 'bold' }}>Ubah Gambar</Text>

</TouchableOpacity>

</View>

<View style={{ height: (height - 60) \* 2 / 5 }}>

<Text>Harga</Text>

<TextInput

placeholder='Masukkan harga'

keyboardType='numeric'

style={{ paddingHorizontal: 20, borderRadius: 5, backgroundColor: '#FFFFFF', marginBottom: 20 }}

value={harga}

onChangeText={setHarga}

/>

<Text>Deskripsi</Text>

<TextInput

placeholder='Masukkan deskripsi'

keyboardType='default'

style={{ paddingHorizontal: 20, borderRadius: 5, backgroundColor: '#FFFFFF', marginBottom: 20 }}

value={deskripsi}

onChangeText={setDeskripsi}

/>

<Text>Stock</Text>

<TextInput

placeholder='Masukkan stock'

keyboardType='numeric'

style={{ paddingHorizontal: 20, borderRadius: 5, backgroundColor: '#FFFFFF', marginBottom: 20 }}

value={stock}

onChangeText={setStock}

/>

</View>

<View style={{ height: (height - 60) \* 1 / 5, justifyContent: 'center' }}>

{harga == '' || deskripsi == '' || stock == '' || gambar == null

? <View style={{ height: 40, backgroundColor: '#0077b6', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3, opacity: 0.5 }}>

<Text style={{ color: '#FFFFFF', fontWeight: 'bold' }}>UPDATE</Text>

</View>

: <TouchableOpacity

onPress={() => updateHandle()}

style={{ height: 40, backgroundColor: '#0077b6', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}>

<Text style={{ color: '#FFFFFF', fontWeight: 'bold' }}>UPDATE</Text>

</TouchableOpacity>

}

</View>

</View>

</ScrollView>

)

}

return (

<View style={{ width, height, backgroundColor: '#EEFCFF' }}>

<StatusBar backgroundColor={'#0077b6'} />

<View style={{ height: 60, backgroundColor: '#0077b6', flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center' }}>

<TouchableOpacity

onPress={() => navigation.goBack()}

style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }}

>

<Icon name='chevron-left' size={16} color='#ffffff' />

</TouchableOpacity>

<Text style={{ fontSize: 16, fontWeight: 'bold', color: '#ffffff', letterSpacing: 5 }}>DATA PRODUK</Text>

<TouchableOpacity

onPress={() => navigation.navigate('Tambah Produk')}

style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }}

>

<Icon name='plus-circle' size={16} color='#ffffff' />

</TouchableOpacity>

</View>

{loading == true

? <View style={{ height: height - 120, width, justifyContent: 'center', alignItems: 'center' }}>

<ActivityIndicator size={'large'} />

</View>

: <View>

{data == null

? <View style={{ height: height - 60, width, justifyContent: 'center', alignItems: 'center' }}>

<Text>Belum ada data</Text>

</View>

: <View style={{ height: height - 60, width, padding: 10 }}>

<FlatList

style={{ height }}

data={data}

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

let bilangan = item.harga;

let reverse = bilangan.toString().split('').reverse().join(''),

nilai = reverse.match(/\d{1,3}/g);

if (nilai == null) {

null

} else {

nilai = nilai.join('.').split('').reverse().join('');

}

return (

<TouchableOpacity

onPress={() => visibleHandle(item)}

key={item.key}

style={{ height: 90, backgroundColor: '#ffffff', elevation: 3, borderRadius: 10, margin: 5, flexDirection: 'row', padding: 5, justifyContent: 'space-between' }}>

<View style={{ flexDirection: 'row' }}>

<Image

style={{ height: 80, width: 140, backgroundColor: '#ffffff', borderRadius: 10 }}

source={{ uri: `data:image/jpeg;base64,${item.gambar}` }}

/>

<View style={{ marginLeft: 5, justifyContent: 'space-between' }}>

<Text>{item.deskripsi}</Text>

<Text>Rp {nilai},-</Text>

<Text>Stock {item.stock}</Text>

</View>

</View>

<TouchableOpacity

onPress={() => hapusHandle(item)}

style={{ height: 80, width: 50, justifyContent: 'center', alignItems: 'center' }}>

<Icon name='trash' size={18} color='#FE4964' />

</TouchableOpacity>

</TouchableOpacity>

)

}}

/>

</View>

}

</View>

}

<Modal

visible={isVisible}

onRequestClose={() => invisibleHandle()}

>

{isVisible == false

? null

: renderModal()

}

</Modal>

</View>

)

}

**4.1.1 Tambah Produk**

import { View, Text, Dimensions, TouchableOpacity, TextInput, ScrollView, Alert, Image, StatusBar } from 'react-native'

import React, { useEffect, useState } from 'react'

import Icon from 'react-native-vector-icons/FontAwesome5'

import database from '@react-native-firebase/database'

import { launchCamera, launchImageLibrary } from 'react-native-image-picker';

const height = Dimensions.get('window').height;

const width = Dimensions.get('window').width;

export default function TambahProduk({ navigation }) {

const [harga, setHarga] = useState('')

const [deskripsi, setDeskripsi] = useState('')

const [stock, setStock] = useState('')

const [gambar, setGambar] = useState(null)

const [dataLenght, setdataLenght] = useState(0)

useEffect(() => {

const unsubsribe = database().ref('Admin/Produk/').on('value', snap => {

if (snap.val() == null) {

setdataLenght(0)

} else {

setdataLenght(snap.\_snapshot.childKeys.length)

}

})

return () => {

unsubsribe

}

}, [])

const ambilHandle = () => {

Alert.alert('', 'Pilih penyimpanan', [

{ text: 'Batal' },

{ text: 'Galeri', onPress: () => openGalery() },

{ text: 'Kamera', onPress: () => openCamera() },

]);

}

const options = {

mediaType: 'photo',

includeBase64: true,

maxHeight: 2000,

maxWidth: 2000,

};

const openGalery = () => {

launchImageLibrary(options, (response) => {

if (response.didCancel) {

console.log('User cancelled image picker');

} else if (response.error) {

console.log('Image picker error: ', response.error);

} else {

let imageBase64 = response.base64 || response.assets?.[0]?.base64;

setGambar(imageBase64);

}

});

};

const openCamera = () => {

launchCamera(options, (response) => {

if (response.didCancel) {

console.log('User cancelled image picker');

} else if (response.error) {

console.log('Image picker error: ', response.error);

} else {

let imageBase64 = response.base64 || response.assets?.[0]?.base64;

setGambar(imageBase64);

}

});

};

const simpanHandle = () => {

Alert.alert('', 'Simpan data?', [

{

text: 'Ya', onPress: () => {

database().ref(`Admin/Produk/`).push({ harga, deskripsi, stock, gambar })

.then(setHarga(''), setDeskripsi(''), setStock(''), setGambar(null),

Alert.alert('', 'Data tersimpan', [

{ text: 'Tutup' },

{ text: 'Halaman sebelumnya', onPress: () => navigation.goBack() },

])

)

.catch(err => {

console.log(err)

Alert.alert('', 'Gagal', [

{ text: 'Ok' },

])

})

}

},

{ text: 'Batal' },

]);

}

return (

<ScrollView style={{ width, height, backgroundColor: '#EEFCFF' }}>

<StatusBar backgroundColor={'#0077b6'} />

<View style={{ height: 60, backgroundColor: '#0077b6', flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center' }}>

<TouchableOpacity

onPress={() => navigation.goBack()}

style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }}

>

<Icon name='chevron-left' size={16} color='#ffffff' />

</TouchableOpacity>

<Text style={{ fontSize: 16, fontWeight: 'bold', color: '#ffffff', letterSpacing: 5 }}>TAMBAH PRODUK</Text>

<View style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }} />

</View>

<View style={{ height, width, padding: 20 }}>

<View style={{ height: (height - 60) \* 2 / 5, justifyContent: 'space-evenly', alignItems: 'center' }}>

{gambar == null

? <View style={{ height: 144, width: 240, backgroundColor: '#ffffff', borderRadius: 10, elevation: 3, justifyContent: 'center', alignItems: 'center' }}>

<Text>Belum ada gambar</Text>

</View>

: <Image

style={{ height: 144, width: 240, backgroundColor: '#ffffff', borderRadius: 10, justifyContent: 'center', alignItems: 'center' }}

source={{ uri: `data:image/jpeg;base64,${gambar}` }}

/>

}

<TouchableOpacity

onPress={() => ambilHandle()}

style={{ height: 40, width: 120, backgroundColor: '#ffffff', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}>

<Text style={{ color: '#0077b6', fontWeight: 'bold' }}>Ambil Gambar</Text>

</TouchableOpacity>

</View>

<View style={{ height: (height - 60) \* 2 / 5 }}>

<Text>Harga</Text>

<TextInput

placeholder='Masukkan harga'

keyboardType='numeric'

style={{ paddingHorizontal: 20, borderRadius: 5, backgroundColor: '#FFFFFF', marginBottom: 20 }}

value={harga}

onChangeText={setHarga}

/>

<Text>Deskripsi</Text>

<TextInput

placeholder='Masukkan deskripsi'

keyboardType='default'

style={{ paddingHorizontal: 20, borderRadius: 5, backgroundColor: '#FFFFFF', marginBottom: 20 }}

value={deskripsi}

onChangeText={setDeskripsi}

/>

<Text>Stock</Text>

<TextInput

placeholder='Masukkan stock'

keyboardType='numeric'

style={{ paddingHorizontal: 20, borderRadius: 5, backgroundColor: '#FFFFFF', marginBottom: 20 }}

value={stock}

onChangeText={setStock}

/>

</View>

<View style={{ height: (height - 60) \* 1 / 5, justifyContent: 'center' }}>

{harga == '' || deskripsi == '' || stock == '' || gambar == null

? <View style={{ height: 40, backgroundColor: '#0077b6', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3, opacity: 0.5 }}>

<Text style={{ color: '#FFFFFF', fontWeight: 'bold' }}>SIMPAN</Text>

</View>

: <TouchableOpacity

onPress={() => simpanHandle()}

style={{ height: 40, backgroundColor: '#0077b6', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}>

<Text style={{ color: '#FFFFFF', fontWeight: 'bold' }}>SIMPAN</Text>

</TouchableOpacity>

}

</View>

</View>

</ScrollView>

)

}

**4.2 Akun**

import { View, Text, Dimensions, TouchableOpacity, Alert, StatusBar } from 'react-native'

import React from 'react'

import Icon from 'react-native-vector-icons/FontAwesome5'

import auth from '@react-native-firebase/auth'

const height = Dimensions.get('window').height;

const width = Dimensions.get('window').width;

export default function Akun({ navigation }) {

const resetHandle = () => {

Alert.alert('', 'Reset kata sandi?', [

{

text: 'Ya', onPress: () => {

auth().sendPasswordResetEmail('depotputra20@gmail.com')

.then(() => {

Alert.alert('', 'Silahkan periksa email anda', [

{

text: 'Ok', onPress: () => {

auth().signOut()

}

},

]);

})

}

},

{ text: 'Batal' },

]);

}

return (

<View style={{ width, height, backgroundColor: '#EEFCFF' }}>

<StatusBar backgroundColor={'#0077b6'} />

<View style={{ height: 60, backgroundColor: '#0077b6', flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center' }}>

<TouchableOpacity

onPress={() => navigation.goBack()}

style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }}

>

<Icon name='chevron-left' size={16} color='#ffffff' />

</TouchableOpacity>

<Text style={{ fontSize: 16, fontWeight: 'bold', color: '#ffffff', letterSpacing: 5 }}>AKUN</Text>

<View style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }} />

</View>

<View style={{ justifyContent: 'space-between', height: height - 60, padding: 20 }}>

<View style={{ height: 170, justifyContent: 'space-between' }}>

<TouchableOpacity

onPress={() => navigation.navigate('Profile')}

style={{

height: 50, flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center',

elevation: 5, backgroundColor: '#ffffff', paddingHorizontal: 10, borderRadius: 5

}}>

<Text style={{ fontSize: 16, fontWeight: 'bold' }}>Profil</Text>

<Icon name='chevron-right' size={20} />

</TouchableOpacity>

<TouchableOpacity

onPress={() => resetHandle()}

style={{

height: 50, flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center',

elevation: 5, backgroundColor: '#ffffff', paddingHorizontal: 10, borderRadius: 5

}}>

<Text style={{ fontSize: 16, fontWeight: 'bold' }}>Reset Kata Sandi</Text>

<Icon name='chevron-right' size={20} />

</TouchableOpacity>

<TouchableOpacity

onPress={() => navigation.navigate('User')}

style={{

height: 50, flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center',

elevation: 5, backgroundColor: '#ffffff', paddingHorizontal: 10, borderRadius: 5

}}>

<Text style={{ fontSize: 16, fontWeight: 'bold' }}>Pengguna</Text>

<Icon name='chevron-right' size={20} />

</TouchableOpacity>

</View>

</View>

</View>

)

}

**4.2.1 Profil**

import { View, Text, StatusBar, TouchableOpacity, TextInput, Alert } from 'react-native'

import React, { useState, useEffect } from 'react'

import database from '@react-native-firebase/database'

import Icon from 'react-native-vector-icons/FontAwesome5'

export default function Profile({ navigation }) {

const [nama, setnama] = useState('')

const [namaUsaha, setnamaUsaha] = useState('')

const [alamat, setalamat] = useState('')

const [alamatUsaha, setalamatUsaha] = useState('')

useEffect(() => {

database().ref(`Admin/Profile`).once('value', snap => {

if (snap.val() == null) {

null

} else {

setnama(snap.val().nama)

setnamaUsaha(snap.val().nama)

setalamat(snap.val().alamat)

setalamatUsaha(snap.val().alamat)

}

})

return () => {

}

}, [])

const saveHandle = () => {

Alert.alert('', 'Ubah data?', [

{ text: 'Batal' },

{

text: 'Ya', onPress: () => {

database().ref(`Admin/Profile/`).set({

nama, alamat

}).then(() => {

Alert.alert('', 'Data berhasil disimpan', [

{

text: 'Ok', onPress: () => navigation.goBack()

},

]);

})

}

},

]);

}

return (

<View style={{ flex: 1, backgroundColor: '#EEFCFF' }}>

<StatusBar backgroundColor={'#0077b6'} />

<View style={{ height: 60, backgroundColor: '#0077b6', flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center' }}>

<TouchableOpacity

onPress={() => navigation.goBack()}

style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }}

>

<Icon name='chevron-left' size={16} color='#ffffff' />

</TouchableOpacity>

<Text style={{ fontSize: 16, fontWeight: 'bold', color: '#ffffff' }}>Profil</Text>

<View style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }} />

</View>

<View style={{ flex: 1, padding: 20 }}>

<View style={{ flex: 1 }}>

<Text>Nama Usaha</Text>

<TextInput

placeholder='Masukkan nama usaha'

autoCapitalize='words'

style={{ paddingHorizontal: 20, borderRadius: 5, backgroundColor: '#FFFFFF', elevation: 3, marginBottom: 20 }}

value={nama}

onChangeText={setnama}

/>

<Text>Alamat</Text>

<TextInput

placeholder='Masukkan alamat usaha'

autoCapitalize='words'

style={{ paddingHorizontal: 20, borderRadius: 5, backgroundColor: '#FFFFFF', elevation: 3, marginBottom: 20 }}

value={alamat}

onChangeText={setalamat}

/>

</View>

{nama == namaUsaha && alamat == alamatUsaha

? <View

style={{ height: 40, backgroundColor: '#0077b6', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3, opacity: 0.5 }}

>

<Text style={{ color: '#FFFFFF', fontWeight: 'bold' }}>Ubah</Text>

</View>

: <TouchableOpacity

style={{ height: 40, backgroundColor: '#0077b6', justifyContent: 'center', alignItems: 'center', borderRadius: 5, elevation: 3 }}

onPress={() => saveHandle()}

>

<Text style={{ color: '#FFFFFF', fontWeight: 'bold' }}>Ubah</Text>

</TouchableOpacity>

}

</View>

</View>

)

}

**4.2.2 Pengguna**

import { View, Text, StatusBar, TouchableOpacity, FlatList, Switch } from 'react-native'

import React, { useState, useEffect } from 'react'

import database from '@react-native-firebase/database'

import Icon from 'react-native-vector-icons/FontAwesome5'

export default function User({ navigation }) {

const [data, setdata] = useState([])

useEffect(() => {

const unsubscribe = database().ref('User/Account/').on('value', snap => {

if (snap.val() == null) {

null

} else {

let dataArr = []

snap.forEach(child => {

child.forEach(item => {

if (item.key == 'Profile') {

dataArr.push({

key: child.key,

nama: item.val().nama,

email: item.val().email,

status: item.val().status

})

}

})

setdata(dataArr)

})

}

})

return () => {

unsubscribe

}

}, [])

const toggleSwitch = (item) => {

const stat = item.status

database().ref(`User/Account/${item.key}/Profile/`).update({

status: !stat

})

}

return (

<View style={{ flex: 1, backgroundColor: '#EEFCFF' }}>

<StatusBar backgroundColor={'#0077b6'} />

<View style={{ height: 60, backgroundColor: '#0077b6', flexDirection: 'row', justifyContent: 'space-between', alignItems: 'center' }}>

<TouchableOpacity

onPress={() => navigation.goBack()}

style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }}

>

<Icon name='chevron-left' size={16} color='#ffffff' />

</TouchableOpacity>

<Text style={{ fontSize: 16, fontWeight: 'bold', color: '#ffffff' }}>Pengguna</Text>

<View style={{ height: 60, width: 60, justifyContent: 'center', alignItems: 'center' }} />

</View>

{data == ''

? <View style={{ flex: 1, justifyContent: 'center', alignItems: 'center' }}>

<Text>Kosong</Text>

</View>

: <View style={{ flex: 1, padding: 20 }}>

<FlatList

data={data}

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

return (

<View

onPress={() => visibleHandle(item)}

key={item.key}

style={{ height: 60, backgroundColor: '#ffffff', elevation: 3, borderRadius: 10, margin: 5, flexDirection: 'row', padding: 10, justifyContent: 'space-between' }}>

<View style={{ flexDirection: 'row' }}>

<View style={{ marginLeft: 5, justifyContent: 'space-between' }}>

<Text style={{ fontSize: 14, fontWeight: 'bold', color: '#000000' }}>{item.nama}</Text>

<Text>{item.email}</Text>

</View>

</View>

<Switch

trackColor={{ false: '#767577', true: '#81b0ff' }}

thumbColor={item.status ? '#81b0ff' : '#f4f3f4'}

ios\_backgroundColor="#3e3e3e"

onValueChange={() => toggleSwitch(item)}

value={item.status}

/>

</View>

)

}}

/>

</View>

}

</View>

)

}