**Lab12**

**Osama Akhlaq(213452)**

**BSCS-7A**

**App.js:-**

import React, { Component } from 'react';

import {

StyleSheet,

View,

StatusBar

} from 'react-native';

import Routes from './src/Routes';

export default class App extends Component{

render() {

return (

<View style={styles.container}>

<StatusBar

backgroundColor="#002f6c"

barStyle="light-content"

/>

<Routes/>

</View>

);

}

}

const styles = StyleSheet.create({

container: {

flex: 1,

}

});

Form.js:-

import React, { Component } from 'react';

import { StyleSheet, Text, View, TextInput, TouchableOpacity, AsyncStorage, Keyboard } from 'react-native';

import {Actions} from 'react-native-router-flux';

export default class Form extends Component

{

constructor(props)

{

super(props);

this.state={

email:"",

password:""

}

}

render() {

return(

<View style={styles.container}>

<TextInput style={styles.inputBox}

onChangeText={(email) => this.setState({email})}

underlineColorAndroid='rgba(0,0,0,0)'

placeholder="Email"

placeholderTextColor = "#002f6c"

selectionColor="#fff"

keyboardType="email-address"

onSubmitEditing={()=> this.password.focus()}/>

<TextInput style={styles.inputBox}

onChangeText={(password) => this.setState({password})}

underlineColorAndroid='rgba(0,0,0,0)'

placeholder="Password"

secureTextEntry={true}

placeholderTextColor = "#002f6c"

ref={(input) => this.password = input}

/>

<TouchableOpacity style={styles.button}>

<Text style={styles.buttonText} onPress={this.saveData}>{this.props.type}</Text>

</TouchableOpacity>

</View>

)

}

}

}

saveData = async()=>

{

const {email,password}=this.state;

let loginDetails={

email:email,

password:password

}

if(this.props.type != 'Login')

{

AsyncStorage.setItem('loginDetails',JSON.stringify(loginDetails));

Keyboard.dismiss();

alert("You have successfully registered. EMail"+email+'password'+password);

this.login();

}

elseif(this.props.type=='Login')

{

try{

let loginDetails = awaitAsyncStorage.getItem('loginDetails');

let Id = JSON.parse(loginDetails);

if(Id.email!=null && Id.password != null)

{

if (ld.email == email && ld.password == password)

{

alert('Go in!');

}

else {

{

alert('Email and Passowrd doen not exist');

}

}

}

}catch(error)

{

alert(error);

}

}

showData = async()=>{

let loginDetails = await AsyncStorage.getItem('loginDetails');

let ld = JSON.parse(loginDetails);

alert('email: '+ ld.email + ' ' + 'password: ' + ld.password);

}

}

const styles = StyleSheet.create({

container: {

justifyContent: 'center',

alignItems: 'center',

},

inputBox: {

width: 300,

backgroundColor: '#eeeeee',

borderRadius: 25,

paddingHorizontal: 16,

fontSize: 16,

color: '#002f6c',

marginVertical: 10

},

button: {

width: 300,

backgroundColor: '#4f83cc',

borderRadius: 25,

marginVertical: 10,

paddingVertical: 12

},

buttonText: {

fontSize: 16,

fontWeight: '500',

color: '#ffffff',

textAlign: 'center'

}

});

**Login.js:-**

import React, { Component } from 'react';

import { StyleSheet, Text, View, TextInput, TouchableOpacity, AsyncStorage, Keyboard } from 'react-native';

import {Actions} from 'react-native-router-flux';

import Form from './components/Form';

export default class Login extends Component {

render() {

return(

<View style={styles.container}>

<Text>{'\n'}</Text>

<Text>{'\n'}</Text>

<Form type="Login"/>

<View style={styles.signupTextCont}>

<Text style={styles.signupText}>Dont have an account yet? </Text>

<TouchableOpacity onPress={this.signup}><Text style={styles.signupButton}>Signup</Text></TouchableOpacity>

</View>

</View>

)

}

}

/\*signup() {

Actions.signup()

}\*/

}

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent: 'center',

alignItems: 'center',

backgroundColor: 'white',

},

signupTextCont: {

flexGrow: 1,

justifyContent: 'center',

alignItems: 'flex-end',

paddingVertical: 16,

flexDirection: 'row',

},

signupText: {

color: '#12799f',

fontSize:16,

},

signupButton: {

color: '#12799f',

fontSize:16,

fontWeight: '500',

}

});

**Signup.js:-**

import React, { Component } from 'react';

import {

StyleSheet,

Text,

View,

TouchableOpacity

} from 'react-native';

import Form from './components/Form';

import {Actions} from 'react-native-router-flux';

export default class Signup extends Component {

render() {

return(

<View style={styles.container}>

<Text>{'\n'}</Text>

<Text>{'\n'}</Text>

<Form type="Signup"/>

<View style={styles.signupTextCont}>

<Text style={styles.signupText}>Already have an account? </Text>

<TouchableOpacity onPress={this.goBack}><Text style={styles.signupButton}>Sign in</Text></TouchableOpacity>

</View>

</View>

)

}

goBack() {

Actions.pop()

}

}

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent: 'center',

alignItems: 'center',

backgroundColor: 'white'

},

signupTextCont: {

flexGrow: 1,

justifyContent: 'center',

alignItems: 'flex-end',

paddingVertical: 16,

flexDirection: 'row'

},

signupText: {

color: '#12799f',

fontSize:16

},

signupButton: {

color: '#12799f',

fontSize:16,

fontWeight: '500'

}

});

**Route.js:-**

import React, { Component } from 'react';

import {Router, Stack, Scene} from 'react-native-router-flux';

import Login from './pages/Login';

import Signup from './pages/Signup';

export default class Routes extends Component {

render() {

return (

<Router barButtonIconStyle ={styles.barButtonIconStyle}

hideNavBar={false}

navigationBarStyle={{backgroundColor: '#1565c0',}}

titleStyle={{color: 'white',}}

>

<Stack key="root">

<Scene key="login" component={Login} title="Login"/>

<Scene key="signup" component={Signup} title="Sign up"/>

</Stack>

</Router>

)

}

}

const styles = {

barButtonIconStyle: {

tintColor: 'white'

}

}





