**LAB 12 AP**

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**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,

  }

});

**Routes.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'

    }

};

**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: ''

     }

}

saveData =async()=>{

        const {email,password} = this.state;

        //save data with asyncstorage

        let loginDetails={

            email: email,

            password: password

        }

    if(this.props.type !== 'Login'){

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

            Keyboard.dismiss();

            alert("You successfully registered. Email: " + email + ' password: ' +  password);

            this.login();

        }

        else if(this.props.type == 'Login'){

            try{

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

                let ld = JSON.parse(loginDetails);

                if (ld.email != null && ld.password != null) {

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

                    {

                        alert('Go in!');

                    }

    else

                    {

                        alert('Email and Password does 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);

}

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>

        )

}}

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 {

    signup() {

        Actions.signup()

    }

    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>

        )

    }

}

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 {

goBack() {

   Actions.pop()

}

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>

        )

}}

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'

    }

});