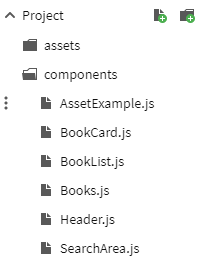
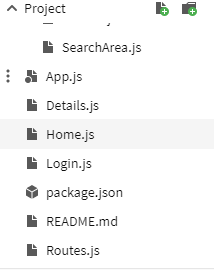
**AP project: Book finder with login signup system**





**App.js**

import React, { Component } from 'react';

import {

StyleSheet,

View,

StatusBar

} from 'react-native';

import Routes from './Routes';

export default class App extends React.Component {

render() {

return (

<View style={styles.container}>

<StatusBar

backgroundColor="#002f6c"

barStyle="light-content"

/>

<Routes/>

</View>

);

}

}

const styles = StyleSheet.create({

container: {

flex: 1,

}

});

**BookCards.js**

import \* as React from 'react';

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

import Constants from 'expo-constants';

const BookCard = (props) =>{

return(

<View style={styles.container}>

<View style={styles.desc} >

<View

style={{

*//flexDirection: 'row',*

borderColor: 'black',

backgroundColor: 'white',

borderStyle: 'solid',

fontSize: 30,

height: 350,

padding: 20,

}}>

<Text style={{fontSize:18,

fontWeight:'bold'

}}>{props.title} </Text>

<Text style={styles.paragraph}>Author: {props.author}</Text>

<Text style={styles.paragraph}> Published date:

{props.published === '0000'? 'Not available' : props.published.substring(0,4)}</Text>

<Text style={styles.paragraph}>Category: {props.categories}</Text>

<Text style={styles.paragraph}>Page count: {props.pageCount}</Text>

<Text style={styles.paragraph}>average rating:{props.averageRating}</Text>

<Text style={styles.paragraph}>{props.description}</Text>

</View>

</View>

</View>

);

}

export default BookCard;

const styles = StyleSheet.create({

paragraph: {

fontSize: 16

},

desc:{

*//fontSize: 30,*

*//backgroundColor: 'red',*

flex: 0.5,

justifyContent: 'center',

paddingTop: Constants.statusBarHeight,

backgroundColor: '#ecf0f1',

*//backgroundColor: 'green',*

padding: 28,

borderColor: 'black',

borderStyle: 'solid',

*//padding: 10,*

}

});

**BookList.js**

import \* as React from 'react';

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

import Constants from 'expo-constants';

import BookCard from './BookCard'

const BookList = (props) =>{

return(

<View className="list" style={styles.container}>

<ScrollView>

{

props.books.map((book,i)=>{

return <BookCard

key={i}

image={book.volumeInfo.imageLinks.thumbnail}

title={book.volumeInfo.title}

author={book.volumeInfo.authors}

published={book.volumeInfo.publishedDate}

description={book.volumeInfo.description}

categories = {book.volumeInfo.categories}

pageCount = {book.volumeInfo.pageCount}

averageRating = {book.volumeInfo.averageRating}

*//previewLink = {book.volumeInfo.previewLink}*

/>

})

}

</ScrollView>

</View>

)

}

export default BookList;

const styles = StyleSheet.create({

container: {

*//backgroundColor: 'green',*

backgroundColor: '#ecf0f1',

*//paddingBottom: 30,*

height: 300

},

});

**Books.js**

import \* as React from 'react';

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

import Constants from 'expo-constants';

import SearchArea from './SearchArea'

import BookList from './BookList'

import request from 'superagent';

export default class Books extends React.Component{

state={

books: [],

searchField:'',

sort:''

}

searchBook=(e)=>{

e.preventDefault();

request

.get("https://www.googleapis.com/books/v1/volumes")

.query({q:this.state.searchField})

.then((data)=>{

console.log(data);

const cleanData= this.cleanData(data);

this.setState({books: cleanData})

})

}

handleSearch=(e)=>{

this.setState({searchField: e});

}

handleSort=(e)=>{

this.setState({sort: e});

}

cleanData=(data)=>{

const cleanedData =data.body.items.map((book)=>{

if(book.volumeInfo.hasOwnProperty('publishedDate')=== false){

book.volumeInfo['publishedDate']= '0000';

}

else if (book.volumeInfo.hasOwnProperty('imageLinks')=== false){

book.volumeInfo['imageLinks']= { thumbnail: 'https://vignette.wikia.nocookie.net/pandorahearts/'};

}

return book;

})

return cleanedData;

}

render(){

const sortedBooks= this.state.books.sort((a,b)=>{

if (this.state.sort==='Newest'){

return parseInt(b.volumeInfo.publishedDate.substring(0,4))- parseInt(a.volumeInfo.publishedDate.substring(0,4))

}

else if (this.state.sort==='Oldest'){

return parseInt(a.volumeInfo.publishedDate.substring(0,4))- parseInt(b.volumeInfo.publishedDate.substring(0,4))

}

})

return (

<View style={styles.container}>

<ScrollView>

<SearchArea

searchBook={this.searchBook}

handleSearch={this.handleSearch}

handleSort={this.handleSort}>

</SearchArea>

<BookList

books={sortedBooks}>

</BookList>

</ScrollView>

</View>

);

}

}const styles = StyleSheet.create({

container: {

*//flex: 1,*

*//justifyContent: 'center',*

*//paddingTop: Constants.statusBarHeight,*

backgroundColor: '#ecf0f1',

*//backgroundColor: 'green',*

*//padding: 8,*

},

});

**Header.js**

import \* as React from 'react';

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

import Constants from 'expo-constants';

import { Asset } from 'expo-asset';

const Header = () =>{

const imageURI = Asset.fromModule(require('../assets/snack-icon.png')).uri;

return(

<View style={styles.container}>

<Text style={styles.paragraph}>

<Image source={{ uri: imageURI }}

style={{ width: 20, height: 20 }}/>

Book Cards </Text>

</View>

)

}

export default Header

const styles = StyleSheet.create({

container: {

flex: 1,

*//justifyContent: 'center',*

paddingTop: Constants.statusBarHeight,

*//backgroundColor: '#ecf0f1',*

*//backgroundColor: 'blue',*

width: 320,

},

paragraph: {

margin: 22,

fontSize: 25,

fontWeight: 'bold',

textAlign: 'center',

flex: 2,

*//height: 20,*

},

});

**SearchArea.js**

import \* as React from 'react';

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

import Constants from 'expo-constants';

import {

Dropdown }

from 'react-native-material-dropdown';

const SearchArea = (props) =>{

let data = [{

value: 'Newest',

}, {

value: 'Oldest',

}];

return(

<View style={styles.container}>

<TextInput style={styles.paragraph} onChangeText={props.handleSearch} placeholder = "Book name"/>

<TouchableOpacity style={styles.button}

onPress = {props.searchBook}>

<Text> Submit </Text>

</TouchableOpacity>

<Dropdown

label='Sort'

data={data}

/>

</View>

)

}

export default SearchArea;

const styles = StyleSheet.create({

container: {

padding: 40,

*//backgroundColor: 'red',*

backgroundColor: '#ecf0f1',

paddingTop:0,

height: 180,

*//width: 250,*

justifyContent: 'center',

alignItems: 'stretch',

},

paragraph: {

margin: 24,

fontSize: 18,

fontWeight: 'bold',

textAlign: 'center',

*//flex: 2,*

},

button: {

alignItems: 'center',

backgroundColor: '#DDDDDD',

padding: 10

}

});

**Home.js**

import \* as React from 'react';

import { Button, TouchableOpacity,TextInput, ScrollView, Text, View,

StyleSheet, Image,AsyncStorage, Keyboard } from 'react-native';

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

import Constants from 'expo-constants';

import { createAppContainer } from 'react-navigation';

import { createStackNavigator } from 'react-navigation-stack';

*// You can import from local files*

import Books from './components/Books.js';

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

*// or any pure javascript modules available in npm*

import { Card } from 'react-native-paper';

export default class Home extends React.Component {

constructor(props) {

super(props);

this.state = {

email: '',

password: '',

};

}

onLogin() {

const { username, password } = this.state;

}

details() {

Actions.details()

}

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)

{

this.details();

}

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}>

<Header/>

<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: {

flex: 2,

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'

}

});

**Details.js**

import \* as React from 'react';

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

import Constants from 'expo-constants';

import { createAppContainer } from 'react-navigation';

import { createStackNavigator } from 'react-navigation-stack';

*// You can import from local files*

import Books from './components/Books.js';

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

*// or any pure javascript modules available in npm*

import { Card } from 'react-native-paper';

export default class Details extends React.Component {

render() {

return (

<View style={styles.container}>

<Books/>

</View>

);

}

}

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent: 'center',

paddingTop: Constants.statusBarHeight,

backgroundColor: '#ecf0f1',

*//backgroundColor: 'green',*

padding: 8,

},

});

**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 Home from './Home';

export default class Login extends React.Component {

signup() {

Actions.signup()

}

render() {

return(

<View style={styles.container}>

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

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

<Home 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 Home from './Home';

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>

<Home 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',

}

});

**Routes.js**

import React, { Component } from 'react';

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

import Login from './Login';

import Signup from './Signup';

import Details from './Details';

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"/>

<Scene key="details" component={Details} title="Books"/>

</Stack>

</Router>

)

}

}

const styles = {

barButtonIconStyle: {

tintColor: 'white'

}

}