The Open University of Sri Lanka
Faculty of Engineering
Bachelor of Software Engineering
Department of Electrical and Computer Engineering
Academic Year 2021/2022
EEI3269 – Introduction to Mobile Application Development

Design Report – 04

Name: Y. Ditharshan

SID: s92075508

My Book App

My Book App File Name: App.js

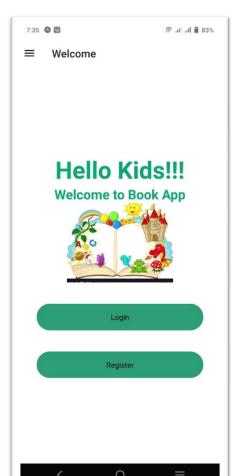
Book App Full File:

 $\frac{https://drive.google.com/file/d/1MY8yIH6NoozxsWrSVHJO8JWva8c2ldbh/view?usp}{= sharing}$

Full Screenshots File:

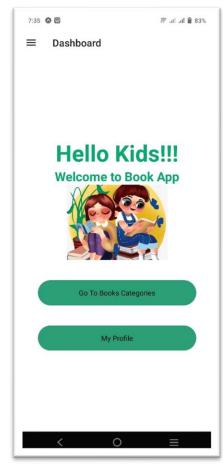
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Book App



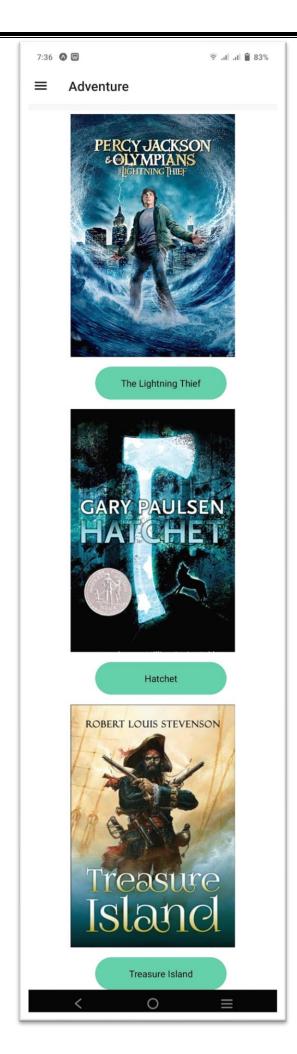


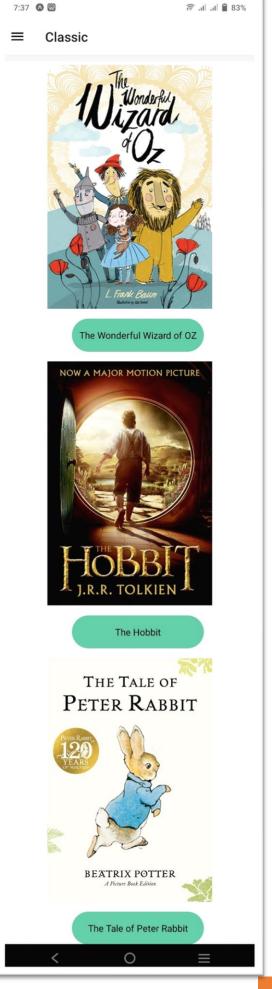


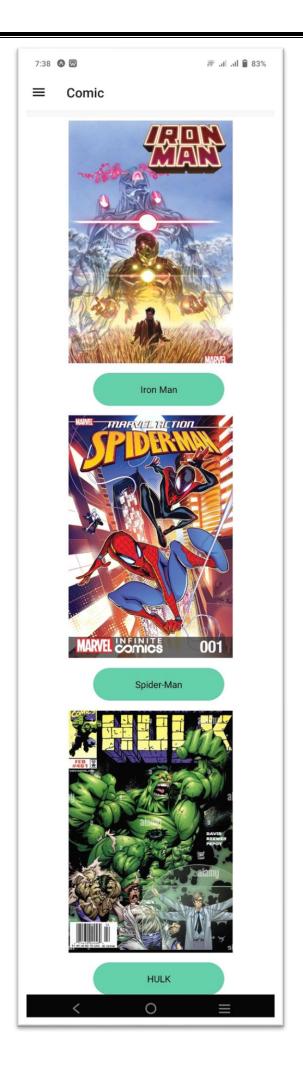




DITHARSHAN



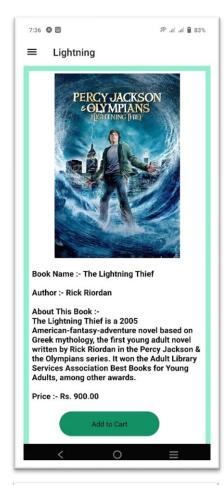








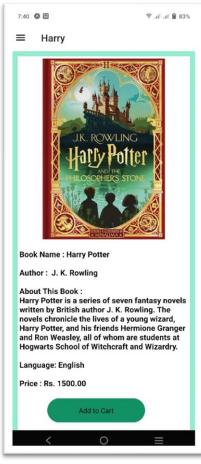




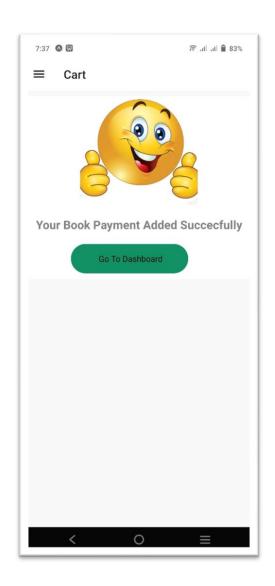














Source Code:

```
import React, {useState} from 'react';
import { Button, View, Text, Image, StatusBar, TextInput,
TouchableOpacity, StyleSheet, ScrollView } from 'react-native';
import { NavigationContainer } from '@react-navigation/native';
import { createDrawerNavigator } from '@react-navigation/drawer';
import { createNativeStackNavigator } from '@react-
navigation/native-stack';
import { Card } from 'react-native-paper';
import { DefaultTheme } from 'react-native-paper';
//Welcome page start
function Welcome({ navigation }) {
  return (
    <View style={styles.container}>
    <Text style={styles.title}>Hello Kids!!!</Text>
    <Text style={styles.title1}>Welcome to Book App</Text>
    <Image source={{</pre>
        width:200,
        height:150,
        marginBottom: 50,
        padding: 40,
        alignItems: 'center',
        uri:
"https://i.pinimg.com/originals/d0/bb/b5/d0bbb5b9cab774f815787088aaa
41482.jpg"
      } }
      />
      <StatusBar style="auto" />
      <TouchableOpacity style={styles.Welcome} onPress={() =>
navigation.navigate('Login')}>
        <Text> Login </Text>
      </TouchableOpacity>
            <TouchableOpacity style={styles.Welcome} onPress={() =>
navigation.navigate('Register')}>
        <Text> Register </Text>
      </TouchableOpacity>
    </View>
  );
//Welcome page end
//Login page start
function Login({ navigation }) {
   const [email, setEmail] = useState("");
```

```
const [password, setPassword] = useState("");
  return (
    <View style={styles.container}>
    <Text style={styles.title}>Book App</Text>
    <Text style={styles.title1}>Login</Text>
    <Image source={{</pre>
        width:200,
        height:150,
        marginBottom: 50,
        padding: 40,
        alignItems: 'center',
        uri: "https://cdn5.vectorstock.com/i/1000x1000/87/29/three-
kids-reading-books-vector-10948729.jpg"
      } }
      />
      <StatusBar style="auto" />
      <View style={styles.inputView}>
        <TextInput
          style={styles.TextInput}
          placeholder="Email."
          placeholderTextColor="#003f5c"
          onChangeText={(email) => setEmail(email)}
        />
      </View>
      <View style={styles.inputView}>
        <TextInput
          style={styles.TextInput}
          placeholder="Password."
          placeholderTextColor="#003f5c"
          secureTextEntry={true}
          onChangeText={ (password) => setPassword (password) }
        />
      </View>
      <TouchableOpacity style={styles.reg} onPress={() =>
navigation.navigate('Register')}>
        <Text style={styles.register button} > If Your Are New User
Register Now!</Text>
      </TouchableOpacity>
      <TouchableOpacity style={styles.loginBtn} onPress={() =>
navigation.navigate('Dashboard')}>
        <Text>LOGIN</Text>
      </TouchableOpacity>
    </View>
  );
//Login page end
```

```
//Register page start
function Register({ navigation }) {
  const [email, setEmail] = useState("");
  const [password, setPassword] = useState("");
  return (
    <View style={styles.container}>
    <Text style={styles.title}>Book App</Text>
    <Text style={styles.title1}>Register Now!</Text>
    <Image source={{</pre>
        width:200,
        height:150,
        marginBottom: 50,
        padding: 40,
        alignItems: 'center',
        uri: "https://png.pngtree.com/png-
clipart/20201225/ourlarge/pngtree-commercially-available-cartoon-
characters-reading-books-on-world-book-day-png-image 2620642.jpg"
      } }
      />
      <StatusBar style="auto" />
      <View style={styles.inputView}>
        <TextInput
          style={styles.TextInput}
          placeholder="Email Address"
          placeholderTextColor="#003f5c"
          onChangeText={ (email) => setEmail(email) }
        />
      </View>
      <View style={styles.inputView}>
        <TextInput
          style={styles.TextInput}
          placeholder="Password"
          placeholderTextColor="#003f5c"
          secureTextEntry={true}
          onChangeText={ (password) => setPassword (password) }
        />
      </View>
            <View style={styles.inputView}>
        <TextInput
          style={styles.TextInput}
          placeholder="Conform Password"
          placeholderTextColor="#003f5c"
          secureTextEntry={true}
          onChangeText={ (password) => setPassword (password) }
        />
      </View>
      <TouchableOpacity style={styles.log} onPress={() =>
navigation.navigate('Login')}>
```

```
<Text>If Your Have An Account Login Now!</Text>
      </TouchableOpacity>
      <TouchableOpacity style={styles.registerBtn} onPress={() =>
navigation.navigate('Dashboard')}>
        <Text>REGISTER</Text>
      </TouchableOpacity>
    </View>
  );
}
//Register page end
//Dashboard start
function Dashboard({ navigation }) {
 return (
    <View style={styles.container}>
    <Text style={styles.title}>Hello Kids!!!</Text>
    <Text style={styles.title1}>Welcome to Book App</Text>
    <Image source={{</pre>
        width:200,
        height:150,
        marginBottom: 50,
        padding: 40,
        alignItems: 'center',
        uri: "https://png.pngtree.com/png-
clipart/20201224/ourlarge/pngtree-cartoon-character-material-for-
reading-books-on-world-book-day-png-image 2625629.jpg"
      } }
      />
      <StatusBar style="auto" />
      <TouchableOpacity style={styles.dashboard} onPress={() =>
navigation.navigate('Categories')}>
        <Text> Go To Books Categories </Text>
      </TouchableOpacity>
      <TouchableOpacity style={styles.dashboard} onPress={() =>
navigation.navigate('MyProfile')}>
        <Text> My Profile </Text>
      </TouchableOpacity>
    </View>
  );
//Dashboard end
//Book Categories start
function Categories ({ navigation }) {
return (
```

```
<ScrollView style={styles.scrollView}>
          <Text style={styles.catTitle}>Books Categories
Lists</Text>
            <View style={styles.container}>
               <View style={styles.image}>
                  <Image source={{</pre>
                    width:250,
                    height:200,
                    marginBottom: 50,
                    padding: 40,
                    alignItems: 'center',
                    uri: "https://image.shutterstock.com/image-
vector/cartoon-kidsboy-qirls-read-books-260nw-1457271773.jpg"
          </View>
          </View>
        <TouchableOpacity style={styles.listBtn} onPress={() =>
navigation.navigate('Adventure')}>
                            <Text>Action and Adventure</Text>
         </TouchableOpacity>
        <TouchableOpacity style={styles.listBtn} onPress={() =>
navigation.navigate('Classic')}>
                           <Text>Classics</Text>
        </TouchableOpacity>
        <TouchableOpacity style={styles.listBtn} onPress={() =>
navigation.navigate('Comic')}>
                          <Text>Comics Books</Text>
        </TouchableOpacity>
        <TouchableOpacity style={styles.listBtn} onPress={() =>
navigation.navigate('Mystery')}>
                         <Text>Mystery</Text>
        </TouchableOpacity>
        <TouchableOpacity style={styles.listBtn} onPress={() =>
navigation.navigate('Fantasy')}>
                           <Text>Fantasy</Text>
        </TouchableOpacity>
        <TouchableOpacity style={styles.listBtn} onPress={() =>
navigation.navigate('Romance')}>
                          <Text>Romance</Text>
        </TouchableOpacity>
</ScrollView>
//Book Categories end
```

```
//Adventure Categories start
function Adventure ({ navigation }) {
    return (
        <ScrollView style={styles.scrollView}>
        <View style={styles.container}>
        <View style={styles.image}>
        <Image source={{</pre>
        width:250,
        height:370,
        padding: 50,
        alignItems: 'center',
        uri:
"https://images.moviesanywhere.com/96bd7bb89837cbc977226e3f34bdfd74/
07023173-c479-4877-999a-964e01d01f92.jpg"
      } }
      />
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Lightning')}>
      <Text> The Lightning Thief </Text>
      </TouchableOpacity>
      <View style={styles.image}>
      <Image source={{</pre>
              width:250,
        height:370,
        padding: 50,
              alignItems: 'center',
              uri: "https://images-na.ssl-images-
amazon.com/images/I/71ytF9dFQ3L.jpg"
            } }
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Hatchet')}>
      <Text> Hatchet </Text>
      </TouchableOpacity>
      <View style={styles.image}>
      <Image source={{</pre>
              width:250,
              height: 370,
              padding: 50,
              alignItems: 'center',
              uri: "https://kbimages1-a.akamaihd.net/08bb082e-e9d4-
492e-b2ae-ee04233dbc33/353/569/90/False/treasure-island-450.jpg"
            } }
```

```
/>
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Treasure')}>
      <Text> Treasure Island </Text>
      </TouchableOpacity>
</View>
</ScrollView>
//Adventure Categories end
//Adventure Books Categories start
function Lightning ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
        width:250,
        height:370,
        padding: 50,
        alignItems: 'center',
        uri:
"https://images.moviesanywhere.com/96bd7bb89837cbc977226e3f34bdfd74/
07023173-c479-4877-999a-964e01d01f92.jpg"}}/>
      </View>
      <Text style={styles.detailstitle}>
              Book Name :- The Lightning Thief
              {'\n'}{'\n'}Author :- Rick Riordan
              {'\n'}{'\n'}About This Book :- {'\n'}The Lightning
Thief is a 2005 American-fantasy-adventure novel based on Greek
mythology, the first young adult novel written by Rick Riordan in
the Percy Jackson & the Olympians series. It won the Adult Library
Services Association Best Books for Young Adults, among other
awards.
              {'\n'}{'\n'}Price :- Rs. 900.00
       </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}</pre>
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
```

```
</Card.Content>
      </Card>
</ScrollView>
}
function Hatchet ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
            <Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://images-na.ssl-images-
amazon.com/images/I/71ytF9dFQ3L.jpg"}}/>
      </View>
          <Text style={styles.detailstitle}>
                  Book Name :- Hatchet
                  {'\n'}{'\n'}Author :- Gary Paulsen
                  {'\n'}{'\n'}About This Book :- {'\n'}Hatchet is a
1986 Newbery Honor-winning young-adult wilderness survival novel
written by American writer Gary Paulsen. It is the first novel of
five in the Hatchet series. Other novels in the series include The
River, Brian's Winter, Brian's Return and Brian's Hunt.
                  {'\n'}{'\n'}Price :- Rs. 1200.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
function Treasure ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
```

```
<View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
                  width:250,
                  height:370,
                  padding: 50,
                  alignItems: 'center',
                  uri: "https://kbimages1-a.akamaihd.net/08bb082e-
e9d4-492e-b2ae-ee04233dbc33/353/569/90/False/treasure-island-
450.jpg"}}/>
      </View>
          <Text style={styles.detailstitle}>
                  Book Name :- Treasure Island
                  {'\n'}{'\n'}Author :- Robert Louis Stevenson
                  {'\n'}{'\n'}About This Book :- {'\n'}Treasure
Island is an adventure novel by Scottish author Robert Louis
Stevenson, telling a story of "buccaneers and buried gold". It is
considered a coming-of-age story and is noted for its atmosphere,
characters, and action.
                  {'\n'}{'\n'}Price :- Rs. 800.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}</pre>
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
//Adventure Books Categories end
//Classic Categories start
function Classic ({ navigation }) {
    return (
        <ScrollView style={styles.scrollView}>
        <View style={styles.container}>
        <View style={styles.image}>
        <Image source={{</pre>
        width:250,
        height:370,
        padding: 50,
```

```
alignItems: 'center',
        uri: "https://almabooks.com/wp-
content/uploads/2016/10/9781847495778.jpg"
      } }
      />
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Wonderful')}>
      <Text> The Wonderful Wizard of OZ </Text>
      </TouchableOpacity>
      <View style={styles.image}>
      <Image source={{</pre>
              width:250,
        height:370,
        padding: 50,
              alignItems: 'center',
              uri: "https://www.pluggedin.com/wp-
content/uploads/2020/01/hobbit-cover-670x1024.jpg"
            } }
      />
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Hobbit')}>
      <Text> The Hobbit </Text>
      </TouchableOpacity>
      <View style={styles.image}>
      <Image source={{</pre>
              width:250,
              height: 370,
              padding: 50,
              alignItems: 'center',
              uri:
"https://www.penguin.co.uk/content/dam/prh/books/444/444046/97802415
23575.jpg"
            } } />
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Peter')}>
      <Text> The Tale of Peter Rabbit </Text>
      </TouchableOpacity>
</View>
</ScrollView>
//Classic Categories end
```

```
//Classic Books Categories Start
function Wonderful ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
        width:250,
        height:370,
        padding: 50,
        alignItems: 'center',
        uri: "https://almabooks.com/wp-
content/uploads/2016/10/9781847495778.jpg"}}/>
      </View>
          <Text style={styles.detailstitle}>
                  Book Name : The Wonderful Wizard of OZ
                  {'\n'}{'\n'}Author : L. Frank Baum
                  {'\n'}{'\n'}About This Book : {'\n'}The Wonderful
Wizard of Oz is an American children's novel written by author L.
Frank Baum and illustrated by W. W. Denslow. The first novel in the
Oz books, the Kansas farm girl named Dorothy ends up in the magical
Land of Oz after she and her pet dog Toto are swept away from their
home by a tornado.
                  {'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 650.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}</pre>
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
function Hobbit ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
```

```
<Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://www.pluggedin.com/wp-
content/uploads/2020/01/hobbit-cover-670x1024.jpg"}}/>
      </View>
          <Text style={styles.detailstitle}>
                  Book Name : The Hobbit
                  {'\n'}{'\n'}Author : J. R. R. Tolkien
                  {'\n'}{'\n'}About This Book : {'\n'}The Hobbit, or
There and Back Again is a children's fantasy novel by English author
J. R. R. Tolkien. It was published in 1937 to wide critical acclaim,
being nominated for the Carnegie Medal and awarded a prize from the
New York Herald Tribune for best juvenile fiction.
                  {'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 750.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}</pre>
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
function Peter ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
```

```
uri:
"https://www.penguin.co.uk/content/dam/prh/books/444/444046/97802415
23575.jpg"}}/>
      </View>
          <Text style={styles.detailstitle}>
                  Book Name : The Tale of Peter Rabbit
                  {'\n'}{'\n'}Author : Beatrix Potter
                  {'\n'}{'\n'}About This Book : {'\n'}The Tale of
Peter Rabbit is a children's book written and illustrated by Beatrix
Potter that follows mischievous and disobedient young Peter Rabbit
as he gets into, and is chased around, the garden of Mr. McGregor.
He escapes and returns home to his mother, who puts him to bed after
offering him chamomile-tea.
                  {'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 450.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
}
//Comic Categories start
function Comic ({ navigation }) {
    return (
        <ScrollView style={styles.scrollView}>
        <View style={styles.container}>
        <View style={styles.image}>
        <Image source={{</pre>
        width:250,
        height: 370,
        padding: 50,
        alignItems: 'center',
"https://i.annihil.us/u/prod/marvel/i/mg/5/03/61f018b683263/portrait
uncanny.jpg"
      } }
```

```
/>
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Iron')}>
      <Text> Iron Man </Text>
      </TouchableOpacity>
      <View style={styles.image}>
      <Image source={{</pre>
              width:250,
        height:370,
        padding: 50,
              alignItems: 'center',
              uri: "https://lumiere-
a.akamaihd.net/v1/images/maractsminf001 cov 2a89b17b.jpeg?region=0%2
C0%2C1844%2C2800"
            } }
      />
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Spider')}>
      <Text> Spider-Man </Text>
      </TouchableOpacity>
      <View style={styles.image}>
      <Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://c8.alamy.com/comp/RY4ED3/hulk-marvel-
comic-the-incredible-hulk-comic-2003-RY4ED3.jpg"
            </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('HULK')}>
      <Text> HULK </Text>
      </TouchableOpacity>
</View>
</ScrollView>
//Comic Categories end
//Comic Books Categories strt
function Iron({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
```

```
<Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
        width:250,
        height:370,
        padding: 50,
        alignItems: 'center',
"https://i.annihil.us/u/prod/marvel/i/mg/5/03/61f018b683263/portrait
uncanny.jpg"}}/>
      </View>
          <Text style={styles.detailstitle}>
                  Book Name : Iron Man
                  \{'\n'\}\{'\n'\} Author: Stan Lee
                  {'\n'}{'\n'}About This Book : {'\n'}The Invincible
Iron Man," in which Tony Stark travels to exotic locations with
Pepper Pots to fight against Ezekiel Stane, who has manipulated
Stark's technologies in his plot to avenge his fallen father,
Obadiah.
                  {'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 1000.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
)
function Spider ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
              width:250,
```

```
height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://lumiere-
a.akamaihd.net/v1/images/maractsminf001 cov 2a89b17b.jpeg?region=0%2
C0%2C1844%2C2800"}}/>
      </View>
          <Text style={styles.detailstitle}>
                  Book Name : Spider-Man
                  {'\n'}{'\n'} Author: Stan Lee
                  {'\n'}{'\n'}About This Book : {'\n'}Acrobatic
adventures by some of yesteryear's top names! Is she heroine,
criminal, or both? What motivates her madcap mischief? That's for
the Black Cat to know and Spider-Man to find out in his first fights
with one his most famous femme fatales! Only available in North
America.
                  {'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 1000.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</scrollView>
function HULK ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
              width:250,
              height: 370,
              padding: 50,
              alignItems: 'center',
```

```
uri: "https://c8.alamy.com/comp/RY4ED3/hulk-marvel-
comic-the-incredible-hulk-comic-2003-RY4ED3.jpg"
      </View>
          <Text style={styles.detailstitle}>
                  Book Name : HULK
                  {'\n'}{'\n'}Author : Simon Bowland, Greg Pak,
Rick Magyar, Dean White
                  {'\n'}{'\n'}About This Book : {'\n'}The Hulk has
never been welcome in the civilized world. What better place for the
savage Hulks than the Savage Land? Get ready for jungle action as
Hulk and Skaar invade the prehistoric paradise of Ka-Zar, Lord of
the Hidden Jungle.
                  {'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 1000.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}
onPress={() => navigation.navigate('Cart')}>
                              <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
//Comic Books Categories end
//Fantasy Categories start
function Fantasy ({ navigation }) {
    return (
        <ScrollView style={styles.scrollView}>
        <View style={styles.container}>
        <View style={styles.image}>
        <Image source={{</pre>
        width:250,
        height:370,
        padding: 50,
        alignItems: 'center',
        uri: "https://res.cloudinary.com/bloomsbury-
atlas/image/upload/w 568,c scale/jackets/9781526626585.jpg"}}/>
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Harry')}>
```

```
<Text> Harry Potter </Text>
      </TouchableOpacity>
      <View style={styles.image}>
      <Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://m.media-
amazon.com/images/I/51C9RUPrTyL.jpg"}}/>
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Monsters')}>
      <Text> The Sea of Monsters </Text>
      </TouchableOpacity>
      <View style={styles.image}>
      <Image source={{</pre>
              width:250,
              height: 370,
              padding: 50,
              alignItems: 'center',
              uri: "https://images-na.ssl-images-
amazon.com/images/I/A18+GnPwHXL.jpg"
            } } />
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Redwall')}>
      <Text> Redwall </Text>
      </TouchableOpacity>
</View>
</ScrollView>
//Fantasy Categories end
//Fantasy Books Categories start
function Harry ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
        width:250,
        height:370,
        padding: 50,
        alignItems: 'center',
```

```
uri: "https://res.cloudinary.com/bloomsbury-
atlas/image/upload/w 568,c scale/jackets/9781526626585.jpg"}}/>
      </View>
          <Text style={styles.detailstitle}>
                  Book Name : Harry Potter
                  \{'\n'\}\{'\n'\}Author : J. K. Rowling
                  {'\n'}{'\n'}About This Book : {'\n'}Harry Potter
is a series of seven fantasy novels written by British author J. K.
Rowling. The novels chronicle the lives of a young wizard, Harry
Potter, and his friends Hermione Granger and Ron Weasley, all of
whom are students at Hogwarts School of Witchcraft and Wizardry.
                  {'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 1500.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
function Monsters ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://m.media-
amazon.com/images/I/51C9RUPrTyL.jpg"}}/>
      </View>
```

```
<Text style={styles.detailstitle}>
                  Book Name : The Sea of Monsters
                  {'\n'}{'\n'}Author : Rick Riordan
                  {'\n'}{'\n'}About This Book : {'\n'}The Sea of
Monsters is an American fantasy-adventure novel based on Greek
mythology written by Rick Riordan and published in 2006. It is the
second novel in the Percy Jackson & the Olympians series and the
sequel to The Lightning Thief.
                  {'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 1500.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}</pre>
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
function Redwall ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://images-na.ssl-images-
amazon.com/images/I/A18+GnPwHXL.jpg"
            </View>
          <Text style={styles.detailstitle}>
                  Book Name : Redwall
                  {'\n'}{'\n'}Author : Brian Jacques
                  {'\n'}{'\n'}About This Book : {'\n'}Redwall is a
fantasy novel by Brian Jacques. Originally published in 1986, it is
the first book of the Redwall series. The book was illustrated by
```

Gary Chalk, with the British cover illustration by Pete Lyon and the American cover by Troy Howell.

```
{'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 1500.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
//Fantasy Books Categories end
//Mystery Categories start
function Mystery ({ navigation }) {
    return (
        <ScrollView style={styles.scrollView}>
        <View style={styles.container}>
        <View style={styles.image}>
        <Image source={{</pre>
        width:250,
        height:370,
        padding: 50,
        alignItems: 'center',
        uri: "https://images-na.ssl-images-
amazon.com/images/I/815qVQVm0QL.jpg"}}/>
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Artemis')}>
      <Text> Artemis Fowl </Text>
      </TouchableOpacity>
      <View style={styles.image}>
      <Image source={{</pre>
              width:250,
              height: 370,
              padding: 50,
              alignItems: 'center',
"https://www.ubuy.com.lk/productimg/?image=aHR0cHM6Ly9pbWFnZXMtbmEuc
3NsLWltYWdlcy1hbWF6b24uY29tL2ltYWdlcy9JLzUxT0Jkakx6R3lMLmpwZw.jpg"}}
```

```
</View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Secret')}>
      <Text> The Secret Zoo </Text>
      </TouchableOpacity>
      <View style={styles.image}>
      <Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://i.gr-
assets.com/images/S/compressed.photo.goodreads.com/books/13283233011
/13001535.jpg"
            } } />
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Lawyer')}>
      <Text> Theodore Boone: Kid Lawyer </Text>
      </TouchableOpacity>
</View>
</ScrollView>
//Mystery Books Categories start
function Artemis ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
        width:250,
        height:370,
        padding: 50,
        alignItems: 'center',
        uri: "https://images-na.ssl-images-
amazon.com/images/I/815qVQVm0QL.jpg"}}/>
      </View>
          <Text style={styles.detailstitle}>
                  Book Name : Artemis Fowl
                  {'\n'}{'\n'}Author : Eoin Colfer
                  {'\n'}{'\n'}About This Book : {'\n'}Artemis Fowl
is an Irish young adult fantasy novel written by Irish author Eoin
Colfer. It is the first book in the Artemis Fowl series, the first
```

```
Arctic Incident.
                  {'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 800.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
}
function Secret ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
"https://www.ubuy.com.lk/productimg/?image=aHR0cHM6Ly9pbWFnZXMtbmEuc
3NsLWltYWdlcy1hbWF6b24uY29tL2ltYWdlcy9JLzUxT0Jkakx6R3lMLmpwZw.jpg"}}
      </View>
          <Text style={styles.detailstitle}>
                  Book Name : The Secret Zoo
                  {'\n'}{'\n'}Author : Chick Bryan
                  {'\n'}{'\n'}About This Book : {'\n'}A fast-paced
and exciting read for middle grade fantasy, mystery, and animal
buffs. Something strange is happening at the Clarksville City Zoo.
Late at night, monkeys are scaling the walls and searching the
neighborhoodâ<br/>ë"but what are they looking for? ...
                  {'\n'}{'\n'}Language: English
```

cycle of The Fowl Adventures, followed by Artemis Fowl and the

```
{'\n'}{'\n'}Price : Rs. 800.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}</pre>
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
function Lawyer ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://i.gr-
assets.com/images/S/compressed.photo.goodreads.com/books/13283233011
/13001535.jpg"
            } } />
      </View>
          <Text style={styles.detailstitle}>
                  Book Name : Theodore Boone: Kid Lawyer
                  {'\n'}{'\n'}Author : John Grisham
                  {'\n'}{'\n'}About This Book : {'\n'}Theodore
Boone: Kid Lawyer, known as Theodore Boone: Young Lawyer in the UK,
is a 2010 legal drama and the first novel by John Grisham for
middle-grade children. It is the first in a series about Theodore
Boone.
                  {'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 800.00
          </Text>
  </View>
```

```
<Card.Content>
                <TouchableOpacity style={styles.detailstBtn}</pre>
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
//Mystery Books Categories end
//Romance Categories start
function Romance ({ navigation }) {
    return (
        <ScrollView style={styles.scrollView}>
        <View style={styles.container}>
        <View style={styles.image}>
        <Image source={{</pre>
        width:250,
        height:370,
        padding: 50,
        alignItems: 'center',
        uri: "https://i.gr-
assets.com/images/S/compressed.photo.goodreads.com/books/14307772301
/22400478.jpg"}}/>
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Cupid')}>
      <Text> I'm With Cupid </Text>
      </TouchableOpacity>
      <View style={styles.image}>
      <Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://i.gr-
assets.com/images/S/compressed.photo.goodreads.com/books/14548643891
/28954056.jpg"}}/>
      </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Crushing')}>
      <Text> Crushing It </Text>
      </TouchableOpacity>
      <View style={styles.image}>
```

```
<Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://i.gr-
assets.com/images/S/compressed.photo.goodreads.com/books/16366156061
/58784487.jpg"
            </View>
      <TouchableOpacity style={styles.advBtn} onPress={() =>
navigation.navigate('Besharam')}>
      <Text> Beauty and the Besharam </Text>
      </TouchableOpacity>
</View>
</ScrollView>
//Romance Categories end
//Romance Books Categories start
function Cupid ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
     <Image source={{</pre>
        width:250,
        height:370,
        padding: 50,
        alignItems: 'center',
        uri: "https://i.gr-
assets.com/images/S/compressed.photo.goodreads.com/books/14307772301
/22400478.jpg"}}/>
      </View>
          <Text style={styles.detailstitle}>
                  Book Name : I'm With Cupid
                  {'\n'}{'\n'}Author: Anna Staniszewski
                  {'\n'}{'\n'}About This Book : {'\n'}Marcus is a
Cupid. Lena is a Reaper. Opposites attract in the exciting new
Switched At First Kiss series by the acclaimed author of The Dirt
Diary.Dared to kiss the adorkable Marcus Torelli at a party, ...
                  {'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 800.00
          </Text>
```

```
</View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}</pre>
onPress={() => navigation.navigate('Cart')}>
                               <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
function Crushing ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
     <Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://i.gr-
assets.com/images/S/compressed.photo.goodreads.com/books/14548643891
/28954056.jpg"}}/>
      </View>
          <Text style={styles.detailstitle}>
                  Book Name : Crushing It
                  {'\n'}{'\n'}Author : Joanne Levy
                  {'\n'}{'\n'}About This Book : {'\n'}Kat is already
so over seventh grade. It doesn't help that her best friend and
cousin, Olivia, grew a foot over the summer and won a spot on the
schoolâ\in<sup>ms</sup> dance team, shooting her up on the popularity scale. In
the jungle that is middle school, Olivia is a gazelle. Braces-
wearing, manga-loving, uncoordinated Kat is a warthog.
                  {'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 800.00
          </Text>
  </View>
      <Card.Content>
```

```
<TouchableOpacity style={styles.detailstBtn}
onPress={() => navigation.navigate('Cart')}>
                              <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
function Besharam ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
     <Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://i.gr-
assets.com/images/S/compressed.photo.goodreads.com/books/1636615606l
/58784487.jpg"}}/>
      </View>
          <Text style={styles.detailstitle}>
                  Book Name : Beauty and the Besharam
                  {'\n'}{'\n'}Author : Lillie Vale
                  {'\n'}{'\n'}About This Book : {'\n'}"If you're a
fan of rivals-to-lovers, look no further!â€□â€"Aiden Thomas, New
York Times bestselling author of Cemetery Boys Heated competition
leads to even hotter romance in this YA summer rom-com ...
                  {'\n'}{'\n'}Language: English
                  {'\n'}{'\n'}Price : Rs. 800.00
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}
onPress={() => navigation.navigate('Cart')}>
                              <Text> Add to Cart </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
```

```
)
//Romance Books Categories end
//Cart Function start
function Cart ({ navigation }) {
return (
          <ScrollView style={styles.scrollViewC}>
          <View style={styles.container}>
          <View style={styles.imageC}>
          <Image source={{</pre>
                width: 200,
                height: 180,
                padding: 50,
                alignItems: 'center',
                uri: 'https://www.pngmart.com/files/1/Blushing-
Emoji-PNG-File.png'
                } } />
        </View>
        <Card.Content>
        <Text style={styles.titleC}>Your Book Payment Added
Succecfully</Text>
        <TouchableOpacity style={styles.cartButton} onPress={() =>
navigation.navigate('Dashboard')}>
        <Text> Go To Dashboard</Text>
        </TouchableOpacity>
        </Card.Content>
        </View>
        </ScrollView>
//Cart Function end
//MyProfile function start
function MyProfile ({ navigation }) {
return (
      <ScrollView style={styles.scrollViewB}>
      <Card style={styles.card}>
      <View style={styles.container}>
      <View style={styles.imageB}>
      <Image source={{</pre>
              width:250,
              height:370,
              padding: 50,
              alignItems: 'center',
              uri: "https://scontent.fcmb2-
2.fna.fbcdn.net/v/t1.6435-
9/202211755 1148686875633811 4257446415335831268 n.jpg? nc cat=106&c
cb=1-
7% nc sid=8bfeb9% nc ohc=X2JYcVaTzUIAX e01NX% nc ht=scontent.fcmb2-
```

```
2.fna&oh=00 AT UGda10VddY7JQ O38ywcS7JllLRma6qcd3aJ6d50mWq&oe=62B5BA
65"
            } } />
      </View>
          <Text style={styles.detailstitle}>
                  Name : Y. Ditharshan
                  {'\n'}{'\n'}S Number: s92075508
                  {'\n'}{'\n'}Subject: EEI3269 - Introduction to
Mobile Application Development
                  {'\n'}{'\n'}Class : EEI3269-WE-OL-G2
          </Text>
  </View>
      <Card.Content>
                <TouchableOpacity style={styles.detailstBtn}</pre>
onPress={() => navigation.navigate('Dashboard')}>
                              <Text> Go to Dashboard </Text>
                </TouchableOpacity>
      </Card.Content>
      </Card>
</ScrollView>
//MyProfile function end
const Drawer = createDrawerNavigator();
function App() {
  return (
    <NavigationContainer>
      <Drawer.Navigator initialRouteName="Welcome">
        <Drawer.Screen name="Welcome" component={Welcome} />
        <Drawer.Screen name="Login" component={Login} />
        <Drawer.Screen name="Register" component={Register} />
        <Drawer.Screen name="Dashboard" component={Dashboard} />
        <Drawer.Screen name="Categories" component={Categories} />
        <Drawer.Screen name="Adventure" component={Adventure} />
        <Drawer.Screen name="Lightning" component={Lightning} />
        <Drawer.Screen name="Hatchet" component={Hatchet} />
        <Drawer.Screen name="Treasure" component={Treasure} />
```

```
<Drawer.Screen name="Classic" component={Classic} />
        <Drawer.Screen name="Wonderful" component={Wonderful} />
        <Drawer.Screen name="Hobbit" component={Hobbit} />
        <Drawer.Screen name="Peter" component={Peter} />
        <Drawer.Screen name="Comic" component={Comic} />
        <Drawer.Screen name="Iron" component={Iron} />
        <Drawer.Screen name="Spider" component={Spider} />
        <Drawer.Screen name="HULK" component={HULK} />
        <Drawer.Screen name="Fantasy" component={Fantasy} />
        <Drawer.Screen name="Harry" component={Harry} />
        <Drawer.Screen name="Monsters" component={Monsters} />
        <Drawer.Screen name="Redwall" component={Redwall} />
        <Drawer.Screen name="Mystery" component={Mystery} />
        <Drawer.Screen name="Artemis" component={Artemis} />
        <Drawer.Screen name="Secret" component={Secret} />
        <Drawer.Screen name="Lawyer" component={Lawyer} />
        <Drawer.Screen name="Romance" component={Romance} />
        <Drawer.Screen name="Cupid" component={Cupid} />
        <Drawer.Screen name="Crushing" component={Crushing} />
        <Drawer.Screen name="Cart" component={Cart} />
        <Drawer.Screen name="MyProfile" component={MyProfile} />
      </Drawer.Navigator>
    </NavigationContainer>
 );
}
export default App;
const styles = StyleSheet.create({
container: {
    flex: 1,
   backgroundColor: "#fff",
   alignItems: "center",
   justifyContent: "center",
  },
title: {
    fontSize: 45,
   fontWeight: 'bold',
   color: '#05a76e',
  },
title1: {
   fontSize: 25,
    fontWeight: 'bold',
    color: '#05a76e',
  },
inputView: {
   backgroundColor: "#67dcb3",
   borderRadius: 30,
    width: "70%",
    height: 45,
```

```
marginBottom: 20,
    alignItems: "center",
  },
TextInput: {
    height: 50,
    flex: 1,
    padding: 10,
   marginLeft: 20,
 register button: {
    height: 30,
    marginBottom: 30,
  },
loginBtn: {
    width: "80%",
    borderRadius: 25,
    height: 50,
    alignItems: "center",
    justifyContent: "center",
    marginTop: 40,
    backgroundColor: "#289b73",
  },
registerBtn:{
    width: "80%",
    borderRadius: 25,
    height: 50,
    alignItems: "center",
    justifyContent: "center",
    marginTop: 40,
    backgroundColor: "#289b73",
  },
Welcome: {
    width: "80%",
    borderRadius: 25,
    height: 50,
    alignItems: "center",
    justifyContent: "center",
    marginTop: 40,
    backgroundColor: "#289b73",
  },
dashboard: {
    width: "80%",
    borderRadius: 25,
    height: 50,
    alignItems: "center",
    justifyContent: "center",
    marginTop: 40,
   backgroundColor: "#289b73",
listBtn:{
    marginBottom: 10,
```

```
width: 200,
    borderRadius: 25,
    height: 50,
    alignItems: "center",
    justifyContent: "center",
    marginTop: 5,
    backgroundColor: "#0f8e61",
    marginLeft: 85,
},
catTitle: {
    fontSize: 35,
    fontWeight: 'bold',
    color: '#05a76e',
scrollView: {
      backgroundColor: DefaultTheme.colors.background,
      paddingTop: 10,
      paddingBottom:10
},
image:{
    alignItems: 'center',
    marginBottom: 10,
    marginTop:5,
},
advBtn:{
    marginBottom: 10,
    width: 200,
    borderRadius: 25,
    height: 50,
    alignItems: "center",
    justifyContent: "center",
    marginTop: 5,
    backgroundColor: "#61cea8",
    marginLeft: 25,
},
scrollViewB: {
      backgroundColor: '#8deccb',
      paddingTop: 10
      },
imageB:{
      alignItems: 'center',
      marginBottom:10,
      marginTop:5
      },
card: {
      width: '90%',
      marginLeft: 'auto',
      marginRight: 'auto',
      backgroundColor: 'white'
      },
```

```
detailstitle:{
      fontSize:16,
      textAlign: 'left',
      marginTop:10,
      color:'black',
      fontWeight:'bold',
      marginBottom:15
      },
detailstBtn:{
    marginBottom: 10,
    width: 200,
    borderRadius: 25,
    height: 50,
    alignItems: "center",
    justifyContent: "center",
    marginTop: 5,
    backgroundColor: "#0f8e61",
    marginLeft: 45,
},
scrollViewC: {
      backgroundColor: DefaultTheme.colors.background,
      paddingTop: 10,
      paddingBottom:10
      },
cartButton: {
      marginBottom: 10,
    width: 200,
    borderRadius: 25,
    height: 50,
    alignItems: "center",
    justifyContent: "center",
    marginTop: 5,
    backgroundColor: "#0f8e61",
    marginLeft: 60,
      },
imageC:{
      alignItems: 'center',
      marginBottom:10,
      marginTop:5
      },
titleC:{
      fontSize:20,
      textAlign: 'center',
      marginTop:10,
      color:'grey',
      fontWeight:'bold',
      marginBottom:15
      },
});
```