

Exercise (Instructions): Animatable

Objectives and Outcomes

In this exercise you will learn to use an animation library named react-native-animatable that gives you pre-packaged animations that can easily be applied to elements in your app. At the end of this exercise you will be able to:

- Set up your app to use react-native-animatable
- Apply pre-packaged animations to some elements

Using react-native-animatable

- First install react-native-animatable in your app by typing the following at the prompt:

```
1 yarn add react-native-animatable@1.2.4
```

- Then, open AboutComponent.js and update it as follows:

```
1  ...
2
3  import * as Animatable from 'react-native-animatable';
4
5  ...
6
7      <ScrollView>
8          <Animatable.View animation="fadeInDown" duration={2000}
9              delay={1000}>
10              <History />
11              <Card
12                  title='Corporate Leadership'>
13                  ...
14              </Card>
15              <Card
16                  title='Corporate Leadership'>
17                  ...
18              </Card>
19              <FlatList
20                  data={this.props.leaders.leaders}
21                  renderItem={renderLeader}
22                  keyExtractor={item => item.id.toString()}
23              />
24          </Animatable.View>
25      </ScrollView>
26
27  ...
```

- Next, open ContactComponent.js and update it as follows:

```
1  ...
2
3  import * as Animatable from 'react-native-animatable';
4
5  ...
6
7      <Animatable.View animation="fadeInDown" duration={2000} delay
8          ={1000}>
9          <Card
10              title='Contact Information'>
11              ...
12          </Card>
13      </Animatable.View>
14
15  ...
```

- Then, open DishdetailComponent.js and update it as follows:

```
8      <Card
9          featuredTitle={dish.name}
10          image={{uri: baseUrl + dish.image}}>
11      ...
12
13      </Card>
14      </Animatable.View>
15
16  ...
17
18  ...
19
20      <Animatable.View animation="fadeInUp" duration={2000} delay={1000}>
21      <Card title='Comments' >
22          <FlatList
23              data={comments}
24              renderItem={renderCommentItem}
25              keyExtractor={item => item.id.toString()}
26          />
27      </Card>
28      </Animatable.View>
29  ...
```

- Next, open FavoritesComponent.js and update it as follows:

```
1  ...
2
3  import * as Animatable from 'react-native-animatable';
4
5  ...
6
7      <Animatable.View animation="fadeInRightBig" duration={2000}>
8          <ListItem
9              ...
10          </ListItem>
11      </Animatable.View>
12
13  ...
```

- And Finally open MenuComponent.js and update it as follows:

```
3 import * as Animatable from 'react-native-animatable';
4
5 . . .
6
7     <Animatable.View animation="fadeInRightBig" duration={2000}>
8
9         <Tile
10             key={index}
11             title={item.name}
12             caption={item.description}
13             featured
14             onPress={() => navigate('Dishdetail', { dishId: item.id })}
15             imageSrc={{ uri: baseUrl + item.image }}
16             />
17     </Animatable.View>
18 . . .
```

- Save all the changes and do a Git commit with the message "Animatable".

Conclusions

In this exercise you have learnt to use the react-native-animatable to add animations.

Mark as completed