

## Exercise (Instructions): Modals

### Objectives and Outcomes

In this exercise you will learn how to add a modal to our app. You will learn how to show and hide the modal. At the end of this exercise you will be able to:

- Add modals to your app
- Show and hide the modal

### Adding a Modal

- Open ReservationComponent.js and update it as follows:

```

1  . . .
2
3  import { Text, View, StyleSheet, Picker, Switch, Button, Modal } from 'react
  ~native';
4
5  . . .
6
7  this.state = {
8    guests: 1,
9    smoking: false,
10   date: '',
11   showModal: false
12 }
13
14 . . .
15
16
17
18 toggleModal() {
19   guests: 1,
20   smoking: false,
21   date: '',
22   showModal: false
23 };
24
25 }
26
27 . . .
28
29 <Modal animationType = {"slide"} transparent = {false}
30   visible = {this.state.showModal}
31   onDismiss = {( ) => this.toggleModal() }
32   onRequestClose = {( ) => this.toggleModal() }>
33   <View style = {styles.modal}>
34     <Text style = {styles.modalTitle}>Your Reservation</Text>
35   >
36     <Text style = {styles.modalText}>Number of Guests: {this
37       .state.guests}</Text>
38     <Text style = {styles.modalText}>Smoking?: {this.state
39       .smoking ? 'Yes' : 'No'}</Text>
40     <Text style = {styles.modalText}>Date and Time: {this
41       .state.date}</Text>
42
43     <Button</Button>
44
45   </Modal>
46
47 . . .
48
49 modal: {
50   justifyContent: 'center',
51   margin: 20
52 },
53 modalTitle: {
54   fontSize: 24,
55   fontWeight: 'bold',
56   backgroundColor: '#512DA8',
57   textAlign: 'center',
58   color: 'white',
59   marginBottom: 20
60 },
61 modalText: {
62   fontSize: 18,
63   margin: 10
64 }
65
66 . . .
67
68

```

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

### Conclusions

In this exercise you learnt to add a modal to the app