

Exercise (Instructions): Swipeout and Deleting Favorites

Objectives and Outcomes

In this exercise you will use a swipe gesture to reveal option buttons under a list item. This will be used to support deleting a favorite. At the end of this exercise you will be able to:

- Use swipe gesture to reveal option buttons
- Click on a delete option button to delete the favorite

Swipe Gesture and Option Buttons

- First install the react-native-swipeout module to support swipe gesture:

```
1 yarn add react-native-swipeout@2.3.3
```

- Then, add a new action to ActionTypes.js as follows:

```
1 . . .
2
3 export const DELETE_FAVORITE = 'DELETE_FAVORITE';
```

- Then add a new action creator to ActionCreators.js as follows:

```
4 return state.filter((favorite) => favorite !== action.payload);
5
6 . . .
```

- Then, finally update FavoriteComponent.js as follows:

```
1 . . .
2
3 import Swipeout from 'react-native-swipeout';
4 import { deleteFavorite } from '../redux/ActionCreators';
5
6 . . .
7
8 const mapDispatchToProps = dispatch => ({
9   deleteFavorite: (dishId) => dispatch(deleteFavorite(dishId))
10 })
11
12 ];
13
14 return (
15   <Swipeout right={rightButton} autoClose={true}>
16     <ListItem
17       key={index}
18       title={item.name}
19       subtitle={item.description}
20       hideChevron={true}
21       onPress={() => navigate('Dishdetail', { dishId: item.id })}
22       leftAvatar={{ source: {uri: baseUrl + item.image}}}
23     />
24   </Swipeout>
25 );
26
27 . . .
28
29 export default connect(mapStateToProps, mapDispatchToProps)(Favorites);
```

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

Conclusions

In this exercise you have learnt to use swipeout to reveal option buttons and support deleting favorite