React Animations

#### Objectives and Outcomes

In this exercise you will learn to implement animations in your React app using react-transition-group. At the end of this exercise you will be able to:

* Configure your app to use react-transition-group for animations
* Implement simple animation using the react-transition-group

#### Installing React-Transition-Group

* Install react-transition-group in your React project as follows:

1

yarn add react-transition-group@2.3.0

* Configure CSS classes for use in animation. Open App.css and add the following classes:
* . . .
* .page-enter {
* opacity: 0.01;
* transform: translateX(-100%);
* }
* .page-enter-active {
* opacity: 1;
* transform: translateX(0%);
* transition: all 300ms ease-in;
* }
* .page-exit {
* opacity: 1;
* transform: translateX(0%);
* }
* .page-exit-active {
* opacity: 0.01;
* transform: translateX(100%);
* transition: all 300ms ease-out;
* }

* Then, open MainComponent.js and add in the following to configure the animation:
* . . .
* import { TransitionGroup, CSSTransition } from 'react-transition-group';
* . . .
* <TransitionGroup>
* <CSSTransition key={this.props.location.key} classNames="page" timeout={300}>
* <Switch location={this.props.location}>
* <Route path='/home' component={HomePage} />
* <Route exact path='/aboutus' component={() => <About leaders={this.props.leaders} />} />} />
* <Route exact path='/menu' component={() => <Menu dishes={this.props.dishes} />} />
* <Route path='/menu/:dishId' component={DishWithId} />
* <Route exact path='/contactus' component={() => <Contact resetFeedbackForm={this.props.resetFeedbackForm} />} />
* <Redirect to="/home" />
* </Switch>
* </CSSTransition>
* </TransitionGroup>
* . . .
* Save all the changes and do a Git commit with the message "React Animations".

#### Conclusions

In this exercise we implemented simple animation using react-transition-group.