

Exercise (Instructions): 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:

```
1 . . .
2
3 .page-enter {
4   opacity: 0.01;
5   transform: translateX(-100%);
6 }
7
8 .page-enter-active {
9   opacity: 1;
10  transform: translateX(0%);
11  transition: all 300ms ease-in;
12 }
13
```

- Then, open MainComponent.js and add in the following to configure the animation:

```
1 . . .
2
3 import { TransitionGroup, CSSTransition } from 'react-transition-group';
4
5 . . .
6
7
11   <TransitionGroup>
12     <Route exact path='/aboutus' component={() => <About leaders
13       =this.props.leaders} /> /> />
14     <Route exact path='/menu' component={() => <Menu dishes=this
15       .props.dishes} /> />
16     <Route path='/menu/:dishId' component={DishWithId} />
17     <Route exact path='/contactus' component={() => <Contact
18       resetFeedbackForm=this.props.resetFeedbackForm} /> />
19     <Redirect to="/home" />
20   </Switch>
21 </CSSTransition>
22 </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.

Mark as completed