

Exercise (Instructions): React Animation Components

Objectives and Outcomes

In this exercise you will learn to use react-animation-components to add more subtle animations to your React app. At the end of this exercise you will be able to:

- Use react-animation-components to add more subtle animations to your React app.

Installing React-Animation-Components

- Install react-animation-components into your React app as follows:

```
1 yarn add react-animation-components@3.0.0
2 yarn add prop-types@15.6.0
```

Adding Animations

- Open *HomeComponents.js* and update as follows:

```
1  ...
2
3  import { FadeTransform } from 'react-animation-components';
4
5  ...
6
7      <FadeTransform
8        in
9        transformProps={{
10         exitTransform: 'scale(0.5) translateY(-50%)'
11       }}>
12        <Card>
13          <CardImg src={baseUrl + item.image} alt={item.name} />
14          <CardBody>
15            <CardTitle>{item.name}</CardTitle>
16            {item.designation ? <CardSubtitle>{item.designation}</CardSubtitle> : null }
17            <CardText>{item.description}</CardText>
18          </CardBody>
19        </Card>
20      </FadeTransform>
21
22  ...
```

- Open *DishdetailComponents.js* and update it as follows:

```
1  ...
2
3  import { FadeTransform, Fade, Stagger } from 'react-animation-components';
4
5  ...
6
7      <FadeTransform
8        in
9        transformProps={{
10         exitTransform: 'scale(0.5) translateY(-50%)'
11       }}>
12        <Card>
13          <CardImg top src={baseUrl + dish.image} alt={dish.name} />
14          <CardBody>
15            <CardTitle>{dish.name}</CardTitle>
16            <CardText>{dish.description}</CardText>
17          </CardBody>
18        </Card>
19      </FadeTransform>
20
21  ...
22
23      <Stagger in>
24        {comments.map((comment) => {
25          return (
26            <Fade in>
27              <li key={comment.id}>
28                <p>{comment.comment}</p>
29                <p>-- {comment.author} {new Intl
30                  .DateLineFormat('en-US', { year: 'numeric',
31                    month: 'short', day: '2-digit'}).format(new
32                      Date(Date.parse(comment.date)))</p>
33              </li>
34            </Fade>
35          );
36        })}
37      </Stagger>
```

- Save all the changes and do a Git commit with the message "React Animation Components".

Conclusions

In this exercise you saw yet another way of adding subtle animations using react-animation-components.

