APIs Assignment Solution

Create a React App by using npx and you will see a file structure like this:

> node_modules
> public
> src
◇ .gitignore
{} package-lock.json
{} package.json
ⓘ README.md
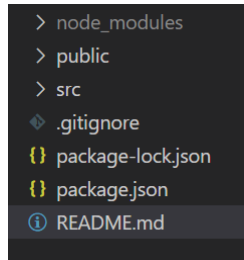
Open src

Create components directory
- Create a component named "Card.js".
- Create an arrow function named "Card".
- Create a .css file named "Card.css".
- Add CSS by Applying External Css in Card.css.
- Add classNames as "cards" or "card-body".
- Import it inside the App.js
- And render it inside the App function.
- Add hover property to the card.
  (on hover size of the card must increase or add transition of your choice).
  (Try to use camelCasing as It's a good Practice.)

Card: create a basic structure of a card using JSX and add className in each component accordingly.

```
1  const Card = () => {
2    return (
3      <div className="card">
4        <img
5          src="https://upload.wikimedia.org/wikipedia/commons/thumb/b/b6/Image_created_with_a_mobile_phone.png/330px-Image_created_with_a_mobile_phone.png"
6          alt="img"
7        />
8        <div className="card-body">
9          <h2>Title of the Card</h2>
10         <p>Caption text about the Card</p>
11         <h5>Author name</h5>
12       </div>
13     </div>
14   );
15 };
16
```

App: Import a Card component and call it in App.js

```
1  import "./styles.css";
2
3  export default function App() {
4    return (
5      <div className="App">
6        <div className="header">
7          <h1>React Card Component</h1>
8        </div>
9        <div className="cards">
10          <Card />
11        </div>
12      </div>
13    );
14  }
```

styles.css: Add different styling using different classNames

```
1   .App {
2     font-family: sans-serif;
3     text-align: center;
4   }
5   body {
6     background: hsla(210, 20%, 90%, 1);
7     padding: 2em 0;
8     line-height: 1.6;
9     display: flex;
10    justify-content: center;
11    min-height: 100vh;
12    align-items: center;
13    font-family: "Open Sans", sans-serif;
14  }
```

```
15
16   h1,
17   h2,
18   h3,
19   h5 {
20     margin: 0;
21   }
22
23   .header {
24     text-align: center;
25   }
26
27   .header h1 {
28     font-family: "Montserrat", sans-serif;
29     font-size: 3em;
30     margin-bottom: 0.2em;
31     line-height: 1.2;
32     color: #222;
33   }
```

```
1    .header h3 {
2      font-weight: 400;
3      color: #555;
4      width: 30em;
5    }
6
7    .cards {
8      display: flex;
9      align-items: flex-start;
10     justify-content: center;
11   }
12
13   .card {
14     background: #fff;
15     width: 24em;
16     border-radius: 0.6em;
17     margin: 1em;
18     overflow: hidden;
19     cursor: pointer;
20     box-shadow: 0 13px 27px -5px hsla(240, 30.1%, 28%, 0.25),
21       0 8px 16px -8px hsla(0, 0%, 0%, 0.3), 0 -6px 16px -6px hsla(0, 0%, 0%, 0.03);
22     transition: all ease 200ms;
23   }
24
25   .card:hover {
26     transform: scale(1.03);
27     box-shadow: 0 13px 40px -5px hsla(240, 30.1%, 28%, 0.12),
28       0 8px 32px -8px hsla(0, 0%, 0%, 0.14),
29       0 -6px 32px -6px hsla(0, 0%, 0%, 0.02);
30   }
31
32   .card img {
33     width: 100%;
34     object-fit: cover;
35   }
36
```

```
37    .card h2 {
38      color: #222;
39      margin-top: -0.2em;
40      line-height: 1.4;
41      font-size: 1.3em;
42      font-weight: 500;
43      font-family: "Montserrat", sans-serif;
44      /* transition: all ease-in 100ms; */
45    }
46
47    .card p {
48      color: #777;
49    }
50
51    .card h5 {
52      color: #bbb;
53      font-weight: 700;
54      font-size: 0.7em;
55      letter-spacing: 0.04em;
56      margin: 1.4em 0 0 0;
57      text-transform: uppercase;
58    }
59
60    .card-body {
61      padding: 1.2em;
62    }
63
```