

## MỤC TIÊU:

Kết thúc bài thực hành này bạn có khả năng

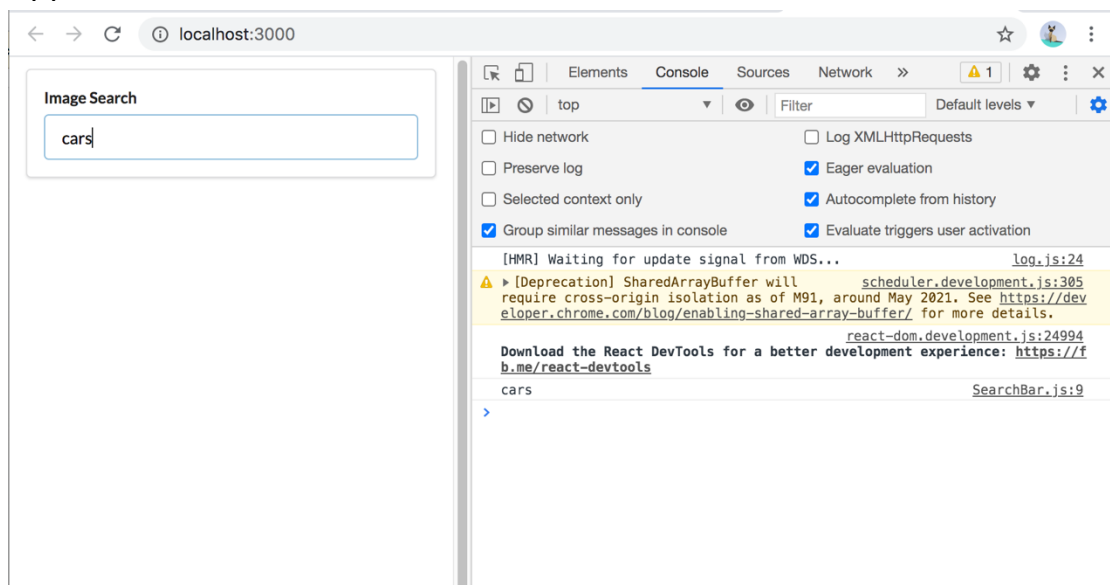
- ✓ Form & events
- ✓ API request với React

## NỘI DUNG

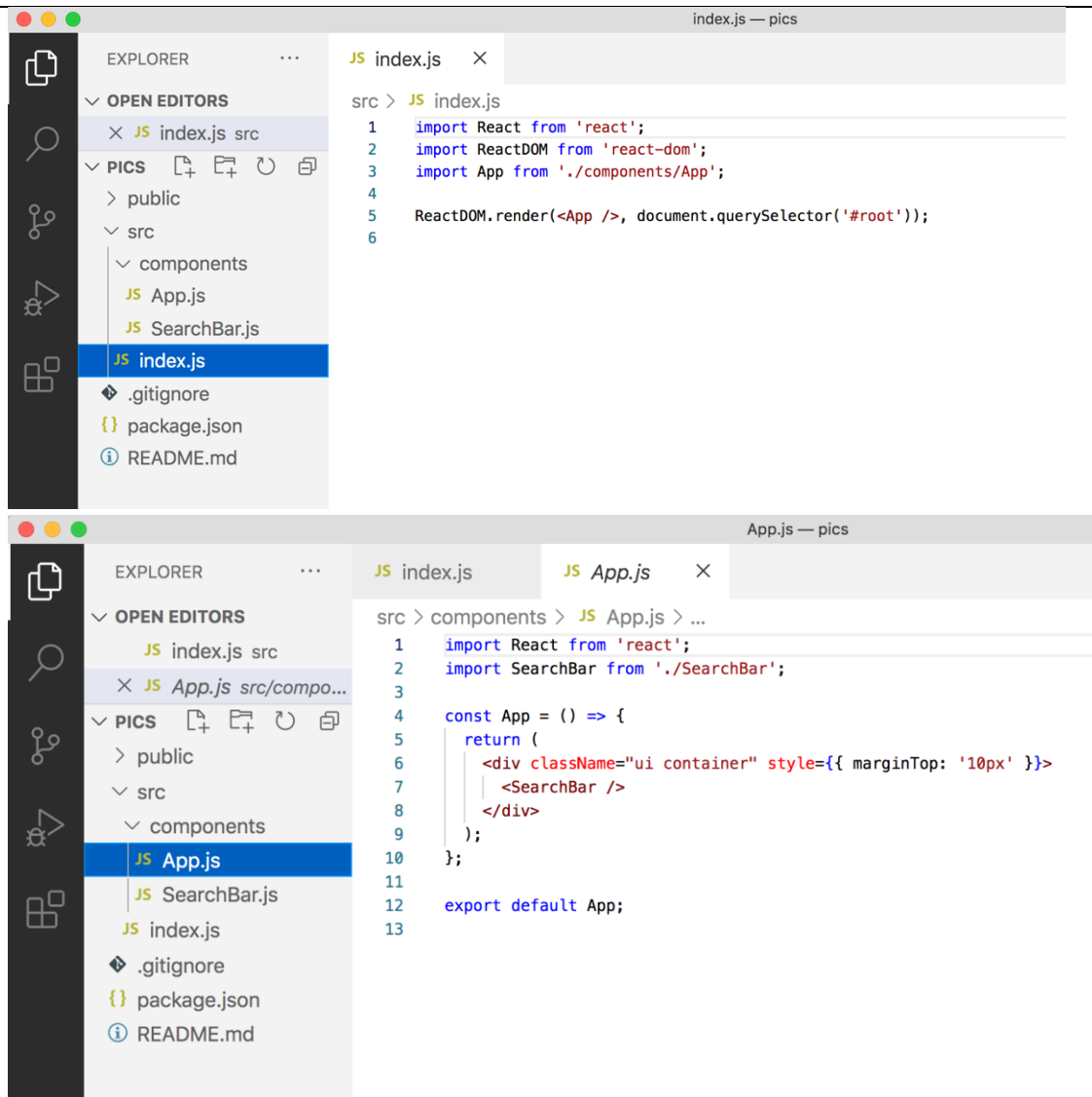
### PHẦN 01

#### Bài 1: Form & Events

- Tạo project có tên là pics và có cấu trúc, nội dung như sau
- App



- Cấu trúc & nội dung



**Screenshot 1: index.js**

```

src > JS index.js
1  import React from 'react';
2  import ReactDOM from 'react-dom';
3  import App from './components/App';
4
5  ReactDOM.render(<App />, document.querySelector('#root'));
6

```

**Screenshot 2: App.js**

```

src > components > JS App.js > ...
1  import React from 'react';
2  import SearchBar from './SearchBar';
3
4  const App = () => {
5    return (
6      <div className="ui container" style={{ marginTop: '10px' }}>
7        <SearchBar />
8      </div>
9    );
10 };
11
12 export default App;
13

```

```

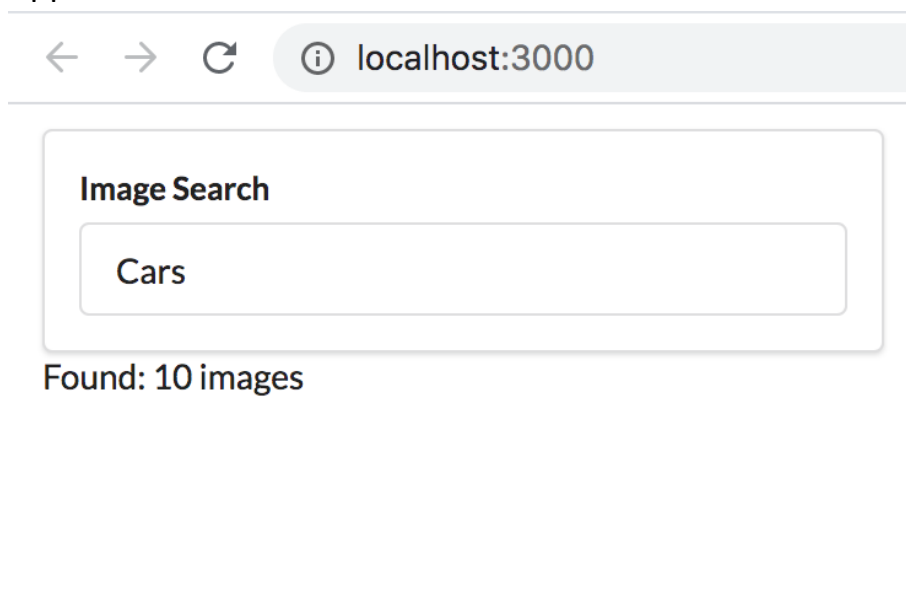
1  import React from 'react';
2
3  class SearchBar extends React.Component {
4    state = { term: '' };
5
6    onFormSubmit = event => {
7      event.preventDefault();
8
9      console.log(this.state.term);
10   };
11
12   render() {
13     return (
14       <div className="ui segment">
15         <form onSubmit={this.onFormSubmit} className="ui form">
16           <div className="field">
17             <label>Image Search</label>
18             <input
19               type="text"
20               value={this.state.term}
21               onChange={e => this.setState({ term: e.target.value })}
22             />
23           </div>
24         </form>
25       </div>
26     );
27   }
28 }
29
30 export default SearchBar;
31

```

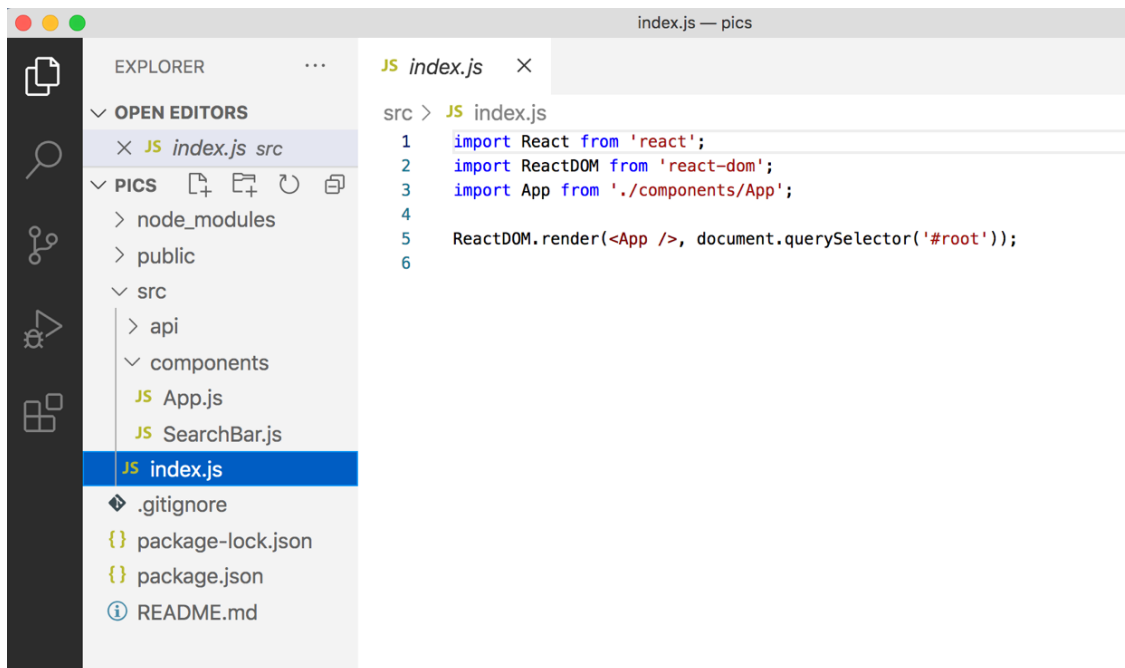
## PHẦN 02

### Bài 2: API request với React

- App



## - Cấu trúc và nội dung

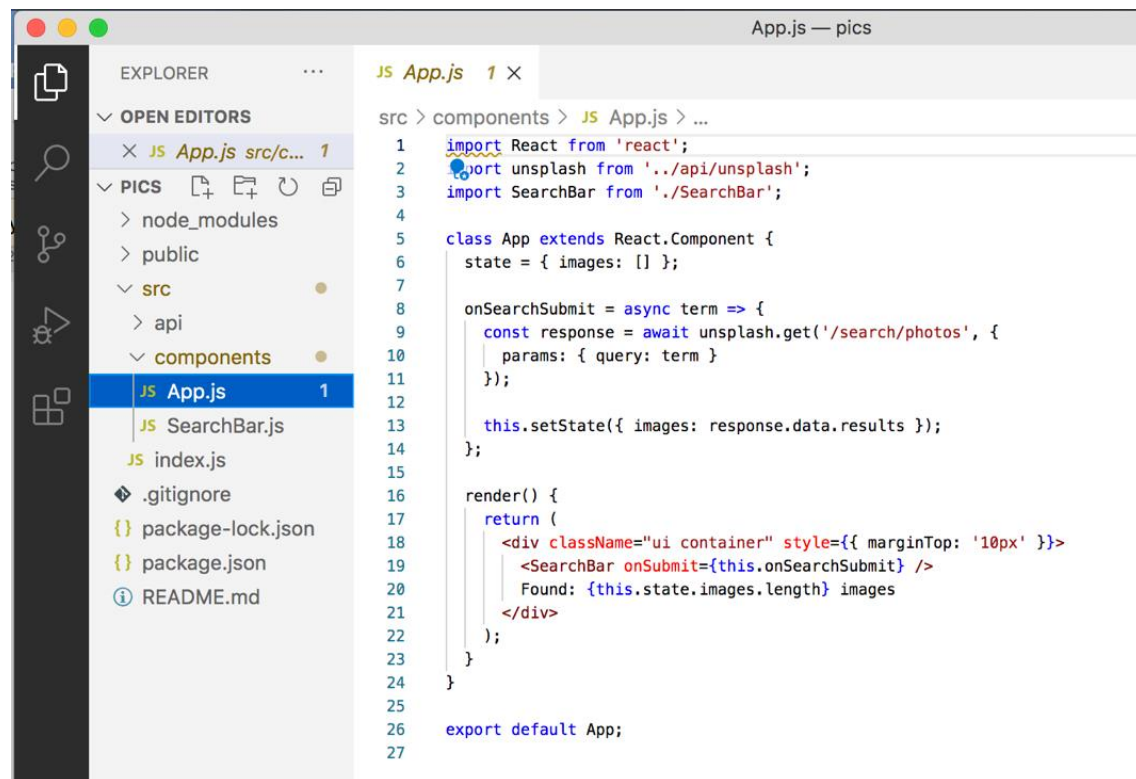


The screenshot shows the VS Code interface with the Explorer sidebar on the left and the editor window on the right. The Explorer sidebar shows the project structure with the following folders and files:

- node\_modules
- public
- src
  - api
  - components
    - App.js
    - SearchBar.js
    - index.js** (selected)
  - .gitignore
  - package-lock.json
  - package.json
  - README.md

The editor window shows the content of `index.js`:

```
1 import React from 'react';
2 import ReactDOM from 'react-dom';
3 import App from './components/App';
4
5 ReactDOM.render(<App />, document.querySelector('#root'));
6
```

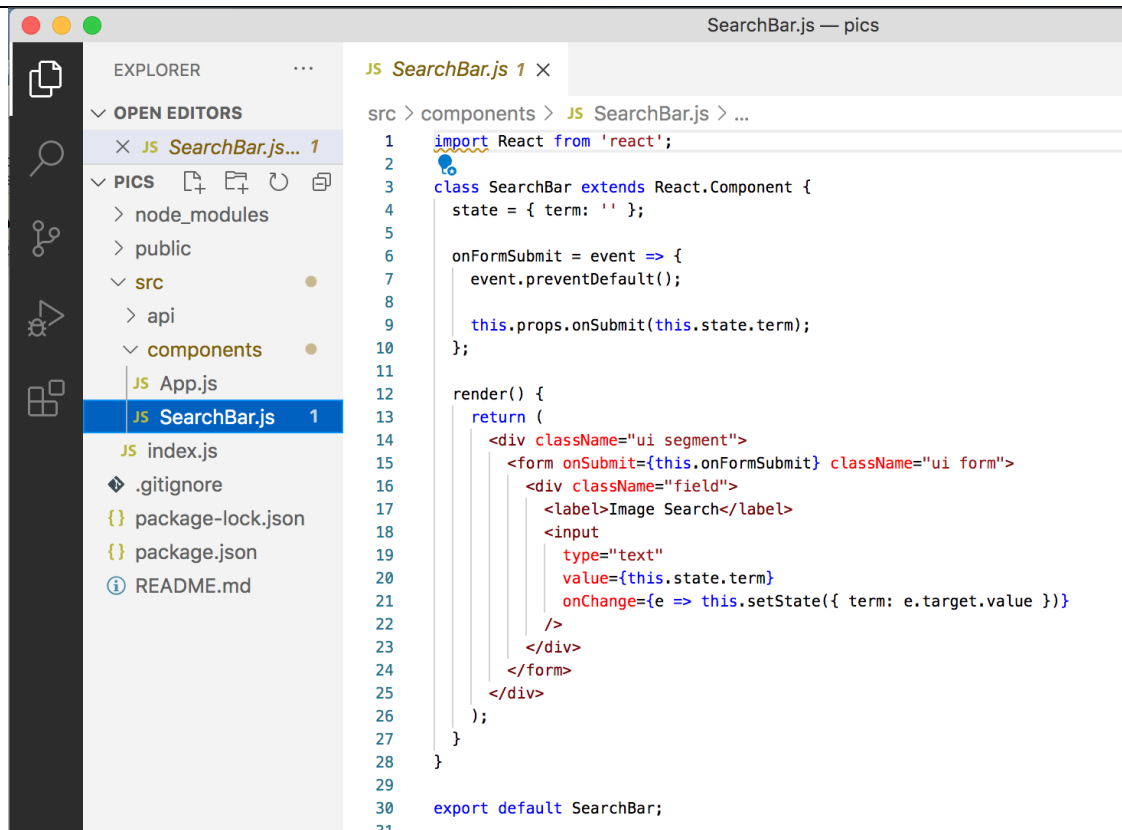


The screenshot shows the VS Code interface with the Explorer sidebar on the left and the editor window on the right. The Explorer sidebar shows the project structure with the following folders and files:

- node\_modules
- public
- src
  - api
  - components
    - App.js** (selected)
    - SearchBar.js
    - index.js
  - .gitignore
  - package-lock.json
  - package.json
  - README.md

The editor window shows the content of `App.js`:

```
1 import React from 'react';
2 import unsplash from '../api/unsplash';
3 import SearchBar from './SearchBar';
4
5 class App extends React.Component {
6   state = { images: [] };
7
8   onSearchSubmit = async term => {
9     const response = await unsplash.get('/search/photos', {
10       params: { query: term }
11     });
12
13     this.setState({ images: response.data.results });
14   };
15
16   render() {
17     return (
18       <div className="ui container" style={{ marginTop: '10px' }}>
19         <SearchBar onSubmit={this.onSearchSubmit} />
20         Found: {this.state.images.length} images
21       </div>
22     );
23   }
24 }
25
26 export default App;
27
```



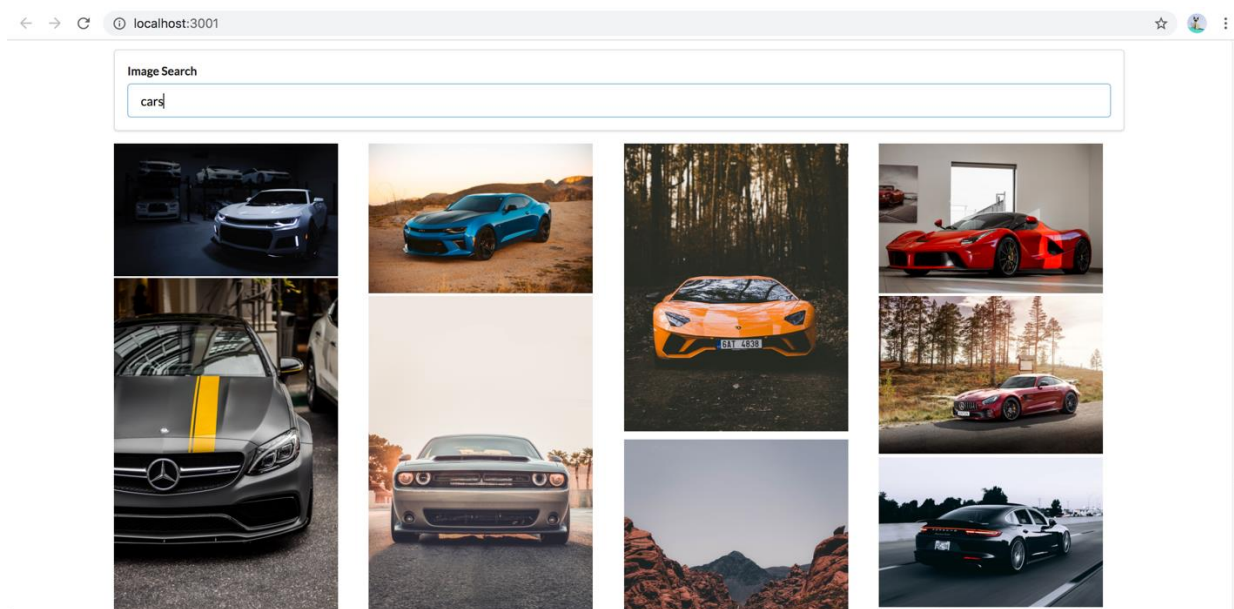
```

1  import React from 'react';
2
3  class SearchBar extends React.Component {
4    state = { term: '' };
5
6    onFormSubmit = event => {
7      event.preventDefault();
8      this.props.onSubmit(this.state.term);
9    };
10
11    render() {
12      return (
13        <div className="ui segment">
14          <form onSubmit={this.onFormSubmit} className="ui form">
15            <div className="field">
16              <label>Image Search</label>
17              <input
18                type="text"
19                value={this.state.term}
20                onChange={e => this.setState({ term: e.target.value })}
21              />
22            </div>
23          </form>
24        </div>
25      );
26    };
27  }
28
29  export default SearchBar;
  
```

### Bài 3:

Giảng viên cho thêm

Gợi ý:



**\*\*\* Yêu cầu nộp bài:**

SV nén file (*hoặc share thư mục google drive*) bao gồm các yêu cầu đã thực hiện trên, nộp LMS đúng thời gian quy định của giảng viên. KHÔNG NỘP BÀI COI NHƯ KHÔNG CÓ ĐIỂM.

--- Hết ---