

Section 1 - Pre-read and Content Updates

Section Introduction

In this section, we are going to go through the first step of building any React application, which is building the components and implementing some basic interaction features. This could be considered as building a prototype or “proof-of-concept” of the application.

In reality, this is the first step of building any applications. Before you set up a really complicated infrastructure or complex coding, you would always want to test the basic logic and setup first. This would help you in ensuring the basics are working properly.

Concepts to be covered

- Functional Components
- Class Components
- Semantic UI
- List Rendering
- Props
- JSX
- In-line Styling
- Passing Functions as Props
- State
- useEffect

Pre-read

It is very common that developers will need to read a lot of documentation before understanding how to write a piece of code or developing a particular feature. This is the list of documentation that you should read before starting this section.

Instead of having every concepts explained in detail in the video, we want you to experience this as a developer, as reading documentation and learning new things is a part of the day-to-day of developers.

- Spread operator ([Link](#))
- React in CSS ([Link](#))
- HTML Events ([Link](#))

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- onClick ([Link](#))
 - onChange ([Link](#))
- SemanticUI ([Link](#))
 - Full Documentations and Components ([Link](#)): No need to read every page of the doc. Just to get an idea on how it works is sufficient.
- UUID ([Link](#))
- LocalStorage ([Link](#))
- Class Components
 - Difference between Class Components and Function Components ([Link](#))
 - Class Component in Details ([Link](#))

Content Update

Update 1

The UUID module in the video is no longer working. Instead, we will need to install a updated version of it. To install the updated version, you should be using

```
npm install uuid
```

Instead of

```
npm install uuidv4
```

When you are importing the module, you simply need to use this import statement

```
import {v4 as uuid} from 'uuid'
```

Instead of

```
import { uuid } as 'uuidv4'
```

For more information on using the new uuid module, you can refer to this link:

<https://www.npmjs.com/package/uuid>

Update 2

Some students are sharing feedback that they were not able to find the right path or version of Semantic UI. So we can including the import statement in index.html below.

```
<link
  async
  rel="stylesheet"
  href="https://cdnjs.cloudflare.com/ajax/libs/semantic-ui/2.4.1/semantic.min.css"
/>
<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.1/jquery.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/semantic-ui/2.4.1/semantic.min.js"></script>
```

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If you need more information on this, you can search for semantic UI on <https://cdnjs.com/>

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