# LMSv3 React App Documentation

## External Packages

* moment
* react-calendar
* react-circular-input
* react-router-dome
* recharts
* react-helmet
* three
* @react-three/fiber
* @react-three/drei
* axios
* react-colorful
* @reduxjs/toolkit

## Design Specs

<https://xd.adobe.com/view/49322a84-66bd-4035-9f38-c26e3980fee5-1c61/specs/>

## Source Directory Organisation

**Entry point:**

src/index.js

* Renders Main (in src/Main.js) component.

**Folders:**

src/components

* Contains all the components used in the app.

src/components/three

* Contains the components used for the three.js scene.

src/resources

* Contains all image and font resources. (sorted by components or pages)

src/resources/css

* Contains all CSS files used in the app.

## Components

### Web page components:

**LoginForm**

The initial page of the site which contains a link to the sign-up form.

**SignUpForm**

Renders the sign-up form on the initial page.

**Dashboard**

## Possible General Improvements

* Implementing Redux for state management
* Implementing CSS precompilers such as LESS, SCSS etc.