

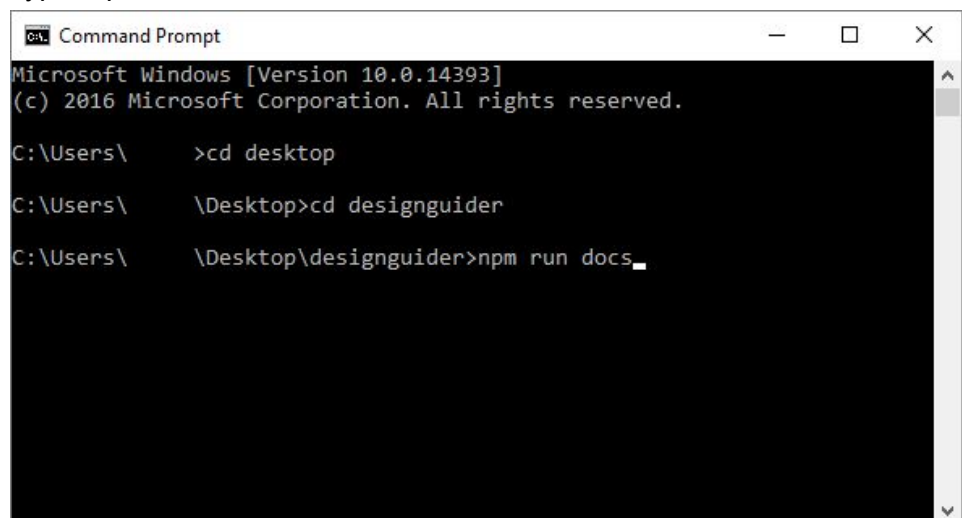
# Peach Design Guide System Manual

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## Setup

To setup the project:

1. Acquire the project
  - a. Through GitHub (invite required)
  - b. Other means (via file sharing of the project folder)
2. Install Node.js which can be acquired in the link below for Mac and Windows
  - a. <https://nodejs.org/en/download/>
3. At this stage, there are two ways to get the project running:
  - a. If one has an IDE such as webstorm installed, the project can be simply opened and ran
  - b. Manually run the project through terminal
    - i. Open terminal
    - ii. Navigate to project directory
    - iii. Type "npm i" to install all dependencies
      1. All required dependencies are already set up within package.json so only "npm i" is required
    - iv. Type "npm run docs" into the terminal



```
Command Prompt
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\>cd desktop
C:\Users\ \Desktop>cd designguider
C:\Users\ \Desktop\designguider>npm run docs
```

- v. Open any web browser and visit "localhost:4000"

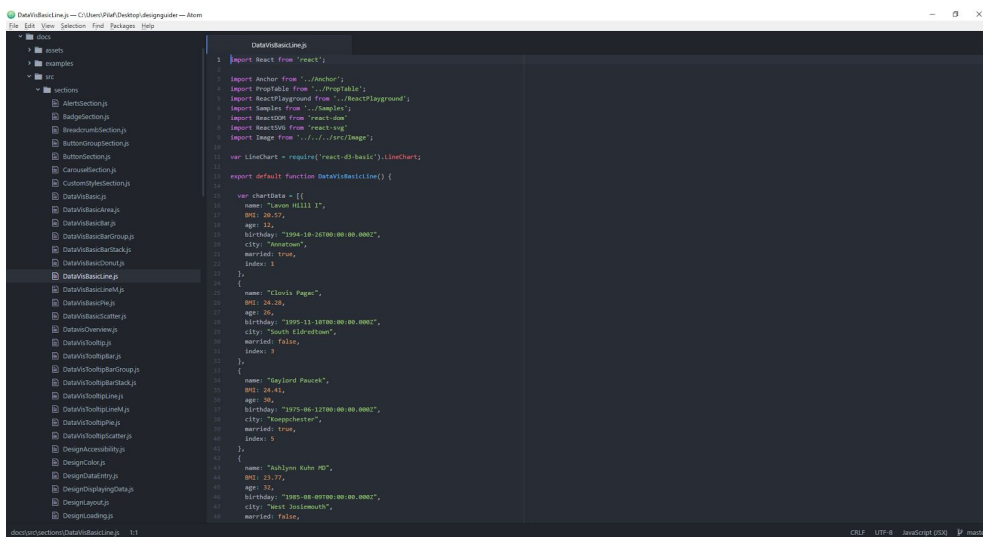
# Editing Content

This section covers how to edit existing content. All design guide content are located within “root/docs/...”. Existing sections are located within “root/docs/src/sections/...”. Design sections are labeled with Design at the start. Data visualisation sections are labeled with DataVis.

Example:

This example shows the case of editing the content for a basic line graph within the data visualisation section.

1. Locate the file to be edited
  - a. root/docs/src/sections/DataVisBasicLine.js
2. Open the file



3. Do necessary edits
  - a. Note for the structure of this file
    - i. Import necessary packages
    - ii. Export the function which is called on the data visualisation page
    - iii. Define the data set to be used for the graph
    - iv. Return what to be rendered (line 72 in this example)

```
72 return (  
73   <div className="bs-docs-section">  
74     <h2 className="page-header">  
75       <Anchor id="datavisbasicline">Basic Line</Anchor>  
76     </h2>  
77     <p>  
78       The line chart is one of the most frequently used chart types, typically used to show trends over a period of  
79     </p>  
80     <br/>  
81     <LineChart  
82       showLegend={true}  
83       showGrid={true}  
84       showYGrid={true}  
85       margins={margins}  
86       title={title}  
87       data={chartData}  
88       width={width}  
89       height={height}  
90       chartSeries={chartSeries}  
91       x={x}  
92     />  
93     <code>javascript</code>  
94     <pre>  
95     <code style={{color: '#1a53ff'}}>{`
```

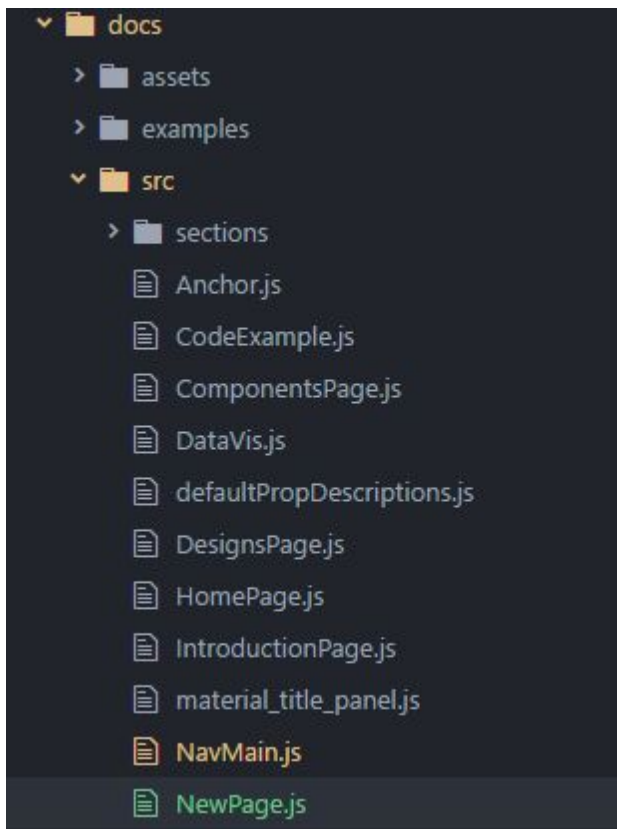
1. This is essentially HTML which makes the editing process relatively easy

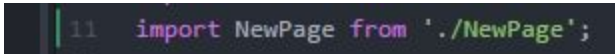
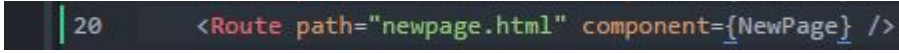
# Adding Title Section

(Same level as Design, Component and Data Visualisation)

This section covers how to add a title section that will appear in the top horizontal menu bar.

1. Add a new file at “root/docs/src/NewTitleSection.js”
  - a. Could copy an existing page to keep same format then make changes to content.
  - b. So alternatively, could copy DesignsPage.js and rename it.
  - c. This will serve as the page which renders.



2. Add this page to the Routes
  - a. Open root/docs/src/Routes.js
  - b. Import the page in the same format as other files
    - i. `import Datavis from './Datavis';`  

  - c. Add route in the same format as other files
    - i. `<Route path="datavis.html" component={Datavis} />`  

3. Add this page to the Root
  - a. Open root/docs/src/Root.js
  - b. Add the page name in the same format as other files under the `getPages()` function

```

10     getPages() {
11         return [
12             'index.html',
13             'introduction.html',
14             'components.html',
15             'support.html',
16             'datavis.html',
17             'newpage.html'
18         ];
19     }
20 },

```

4. Add this page to the Main navigation bar along the top of the page
  - a. Open root/docs/src/NavMain.js
  - b. Add the file name and wanted navigation bar name to the file in the same format as other files

```

22     },
23     newpage: {
24         link: '/newpage.html',
25         title: 'My New Page'
26     }
27 };

```

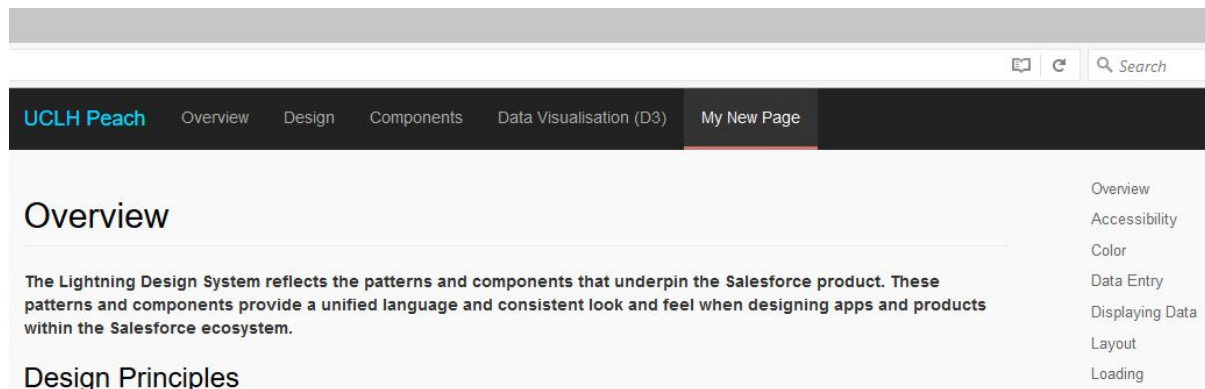
5. Make sure to put “<NavMain activePage=“newpage” />” in the render function of your page. (Change “newpage” to the appropriate title)

```

141
142     render() {
143         return (
144             <div>
145                 <NavMain activePage="newpage" />
146             </div>
147         );
148     }
149 }
150

```

6. Run the project and there should be a new tab of the name you gave that leads to the new page you have created. Time to add some content!



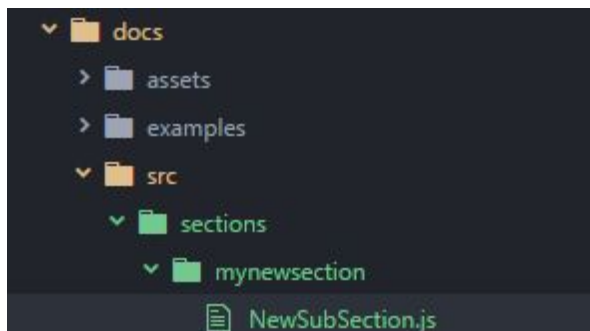
(I copied and renamed the design page in this example hence why is content is the same as the design page. The next section shows how to add contents to this page)

# Adding Sub Sections

(Subsections under Design, Components and Data Visualisation)

This section covers how to add sub sections to an existing Title Section (or page).

1. Add a new file at “root/docs/src/sections/NewSubSection.js”
  - a. For the purpose of this guide, I am going to create this file at “root/docs/src/sections/mynewsection/NewSubSection.js” for better organisation



- b. For the contents of this file I am going to use [this](#) as a starting point.
    - i. The “Anchor id” is important to make the sidebar work.
    - ii. Make sure the import paths are correct, otherwise the project will not compile

```
1  import React from 'react';
2
3  import Anchor from '../Anchor';
4  import PropTable from '../PropTable';
5  import ReactPlayground from '../ReactPlayground';
6  import Samples from '../Samples';
7  import ReactDOM from 'react-dom'
8  import ReactSVG from 'react-svg'
9  import Image from '../../src/Image';
10
11  export default function NewSubSection() {
12    return (
13      <div className="bs-docs-section">
14        <h2 className="page-header">
15          <Anchor id="newssubsection">New Sub Section</Anchor>
16        </h2>
17        <p>
18          <b>
19            My New Page Demo
20          </b>
21        </p>
22      </div>
23    );
24  }
```

2. Open the new page you have created
3. Import the subsections page
  - a. `import NewSubSection from './sections/mynewsection/NewSubSection';`

```
31 import NewSubSection from './sections/mynewsection/NewSubSection';
```

4. Add it to the sections constant
  - a. newsubsection: '#newsubsection',

```
const sections = {
  newsubsection: '#newsubsection',
  overview: '#overview',
  accessibility: '#accessibility',
```

(This page contains overview and accessibility because I copied the design page for the purposes of this guide)

5. Add it to the render function
  - a. {this.renderScrollSpy(sections.newsubsection)}  
<NewSubSection />

```
render() {
  return (
    <div>
      <NavMain activePage="newpage" />

      <div ref="main" className="container bs-docs-container">
        <div className="row">
          <div className="col-md-9" role="main">

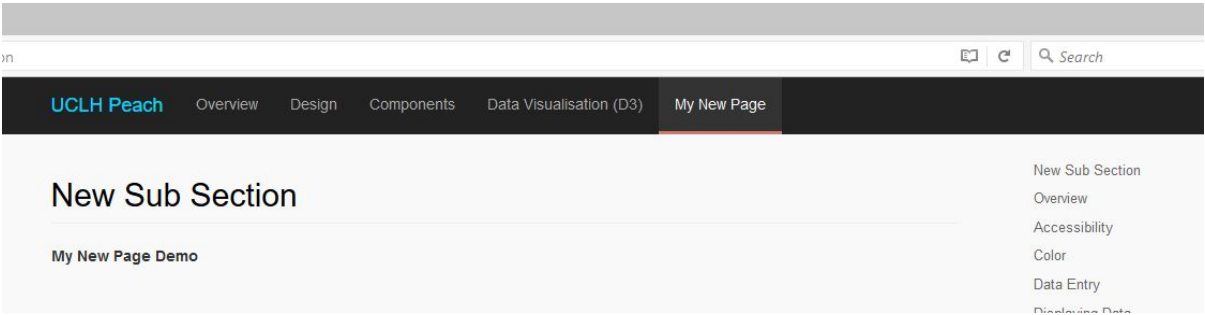
            {this.renderScrollSpy(sections.newsubsection)}
            <NewSubSection />

            {this.renderScrollSpy(sections.overview)}
            <DesignOverviewSection />
```

6. Add it to the sidebar navigation
  - a. <SubNav href={sections.newsubsection} text="New Sub Section">  
</SubNav>

```
<div className="col-md-3 bs-docs-sidebar-holder">
  <AutoAffix
    viewportOffsetTop={20}
    container={this.getMain}
  >
    <div
      className="bs-docs-sidebar hidden-print"
      role="complementary"
    >
      <Nav
        className="bs-docs-sidenav"
        activeHref={this.state.activeNavItemHref}
        onSelect={this.handleNavItemSelect}
      >
        <SubNav href={sections.newsubsection} text="New Sub Section">
        </SubNav>
```

7. This section should now be rendered on your newly created page.



## Sub Section Starter Template

```
import React from 'react';

import React from 'react';

import Anchor from '../..//Anchor';
import PropTable from '../..//PropTable';
import ReactPlayground from '../..//ReactPlayground';
import Samples from '../..//Samples';
import ReactDOM from 'react-dom'
import ReactSVG from 'react-svg'
import Image from '../..//../src/Image';

export default function NewSubSection() {
  return (
    <div className="bs-docs-section">
      <h2 className="page-header">
        <Anchor id="newssubsection">New Sub Section</Anchor>
      </h2>
      <p>
        <b>
          My New Page Demo
        </b>
      </p>
    </div>
  );
}
```