

# Resolving the Initial App Layout: Laying Down The Foundation

Our very first step in building "Skypey". In this section, we'll take care of the initial design and the structure of our main files.

From the CLI, create a new react app with create-react-app, and call it Skypey.

```
create-react-app Skypey
```

Skypey's layout is a simple 2-column layout. A fixed width sidebar on the left and on the right, a main section that takes up the remaining viewport width.

Here's a quick note on how this app is styled.

If you're a more experienced Engineer, be sure to use whatever CSS-in-JS solution works for you. For simplicity, I'll style the Skypey app with good 'ol CSS - nothing more.

Let's get cracking.

Create two new files, **Sidebar.js** and **Main.js** within the root directory.

As you may have guessed, by the time we build out the Sidebar and Main components, we will have it rendered within the **App** component like this:

App.js:

```
const App = () => {  
  return (  
    <div className="App">  
      <Sidebar />  
      <Main />  
    </div>  
  );  
};
```



App.js

I suppose you're familiar with the structure of a **create-react-app** project. There's the entry point of the app, **index.js** which renders an App component. I'll let you make that on your own for now.

Before moving on to building the Sidebar and Main components, first, some CSS house-keeping. Make sure that the DOM node where the app is rendered, **#root** takes up the entire height of the viewport.

**index.css:**

```
#root {  
  height: 100vh;  
}
```



index.css

While at it, you should also remove any unwanted spacing from body:

```
body {  
  margin: 0;  
  padding: 0;  
  font-family: sans-serif;  
}
```



index.css

Good!

The layout of the app will be structured using *Flexbox*.

Get the Flexbox juice running by making **.App** a flex-container and making sure it takes up 100% of the available height.

**App.css:**

```
.App {  
  height: 100%;  
  display: flex;  
  color: rgba(189, 189, 192, 1);  
}
```



App.css

With the basics in place, we shall move on to the Sidebar and Main in the next lessons.

