

M&M - Frontend Prerequisites

Download the following.

1. Node JS

<https://nodejs.org/en>

2. Visual Studio Code

<https://code.visualstudio.com/>

Create React App Using Vite with below commands

1. type `npm create vite@latest` in your vsc terminal

2. go to your created folder & type `npm init` in your terminal for `node_modules` & `package-lock.json`

3. type `npm run dev` to run react app.

Integrate Your App with

1. Tailwind CSS

2. Axios

3. Router

4. Redux Toolkit

1. Tailwind CSS

<https://tailwindcss.com/docs/guides/vite>

step 1: type `npm install -D tailwindcss postcss autoprefixer`

step 2: type `npx tailwindcss init -p` These two commands will create two config files -> `Postcss.config.js` & `tailwind.config.js`

step 3: replace the code in `tailwind.config.js` file with the below code.

```
/** @type {import('tailwindcss').Config} */
export default { content: [ "./index.html", "./src/**/*.{js,ts,jsx,tsx}", ], theme:
{ extend: {}, }, plugins: [], }
```

step 4: Go to `index.css` file & add this directives

```
@tailwind base;
```

```
@tailwind components;
```

```
@tailwind utilities;
```

step 5 : Tailwind Setup is done.

2. How to setup Axios in your project.

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

step 1 : type *npm i axios* in your terminal.

step 2 : import axios from “axios”;

step 3 : use axios in your app like

```
axios.get(url) .then(res => { console.log(res.data); });
```

3. How to setup React Router Dom

<https://www.npmjs.com/package/react-router-dom>

step 1 : type *npm i react-router-dom* in your terminal.

follow the remaining steps

<https://reactrouter.com/en/main/start/tutorial>

4. How to Integrate Redux ToolKit

step 1: type *npm i @reduxjs/toolkit*

step 2 : type *npm i react-redux*

follow the remaining steps

<https://redux-toolkit.js.org/tutorials/quick-start>