Setting up the Environment & Technology

Introduction

Welcome! This document provides instructions for setting up this project from scratch. It includes a step-by-step instruction on how to set up Vue and run the development server.

Prerequisites

- Familiarity with the command line
- Node.js version 18 or higher
- npm version 9 or higher
- The content of the GitHub repository is already on your device.

We recommend downloading the latest version of Node.js from their official website, which is bundled with npm.

Installing Vue

To install Vue, follow these steps:

1. Open your terminal or command prompt.
2. Navigate to the folder where the repository was cloned to (without the >)

Command Prompt

```
> cd C:\Your\Project\Here
```

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3. Run the following command to install the required packages.

Command Prompt

```
> npm install
```

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   a. Sometimes the above command may fail. If it does, try the following workaround on a terminal with **admin privileges**:

   Administrator: Command Prompt

   ```
   > npm install --unsafe-perm=true --allow-root
   ```

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4. Verify that the content successfully installed

Command Prompt

```
> npm fund
```

Run the Server

To run the development server for the current Vue project, follow these steps:

1. Navigate to the project directory.
2. Run the following command to start the development server:

Command Prompt

```
> npm run dev
```

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3. The development server should start up and you should see a message indicating that the server is running and the URL you can use to access the project. A sample output is as follows with the server hosted on http://localhost:5173/

Command Prompt

```
VITE v4.2.1  ready in 2091 ms

  Local:   http://localhost:5173/
  Network: use --host to expose
  press h to show help
```

4. You can terminate the server using Ctrl-C.

Miscellaneous

While not required, we strongly recommend you to install the Vue Devtools browser plugin. This plug in allows you to view variables, props and other information for each component as the project is running.