

Full Stack Project with NodeJS and Vue

User Guide

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Git: <https://github.com/Ashmmm/e459182b-4f4e-4ee5-8937-426cae65a3c0/>

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Back-up folder (in case with any issue):

https://drive.google.com/drive/folders/14OPfz6_UQvThAgW6GossC3ZLvFvI96eI?usp=sharing

1. Project description

This is a demonstration of using Vue, Echarts, and Express to deliver interactive graphical presentations.

2. WebApp setup procedures:

2.1 Running the backend server on port 3000.

2.1.1 Goto the server folder.

```
► cd NodeJSProject\server
```

2.1.2 Run server.js.

```
► node server.js
```

2.1.3 If runs successfully, this can be seen.

```
Server is running on port 3000  
CSV data loaded into memory.
```

2.2 Running the frontend application.

2.2.1 Open a new terminal.

2.2.2 Goto the client folder.

```
► cd NodeJSProject\client
```

2.2.3 Install Node modules

```
► npm i
```

2.2.3 Run Eslint

```
► npm run lint
```

2.2.4 Run the frontend application

```
► npm run serve
```

2.2.5 If runs successfully, this can be seen.

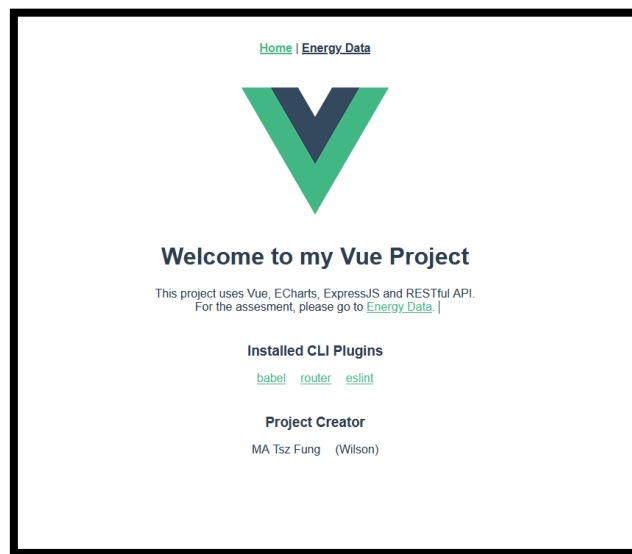
```
App running at:  
- Local: http://localhost:8080/
```

2.3 Use the application.

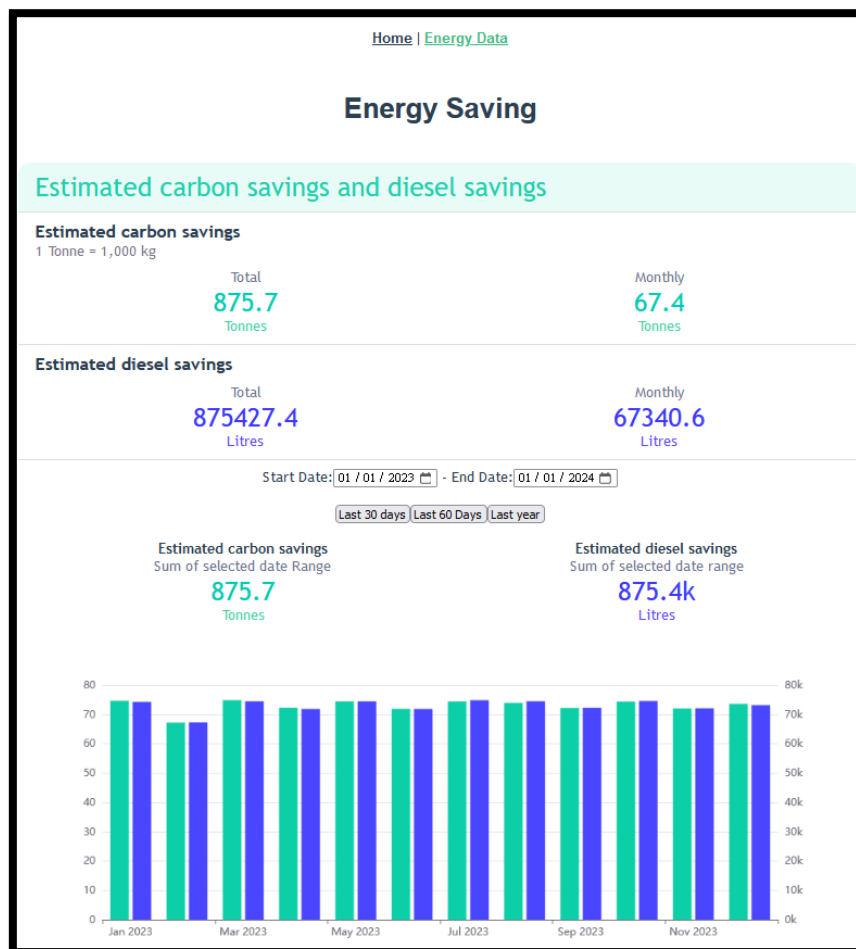
2.3.1 Goto <http://localhost:8080/>

3. The interface

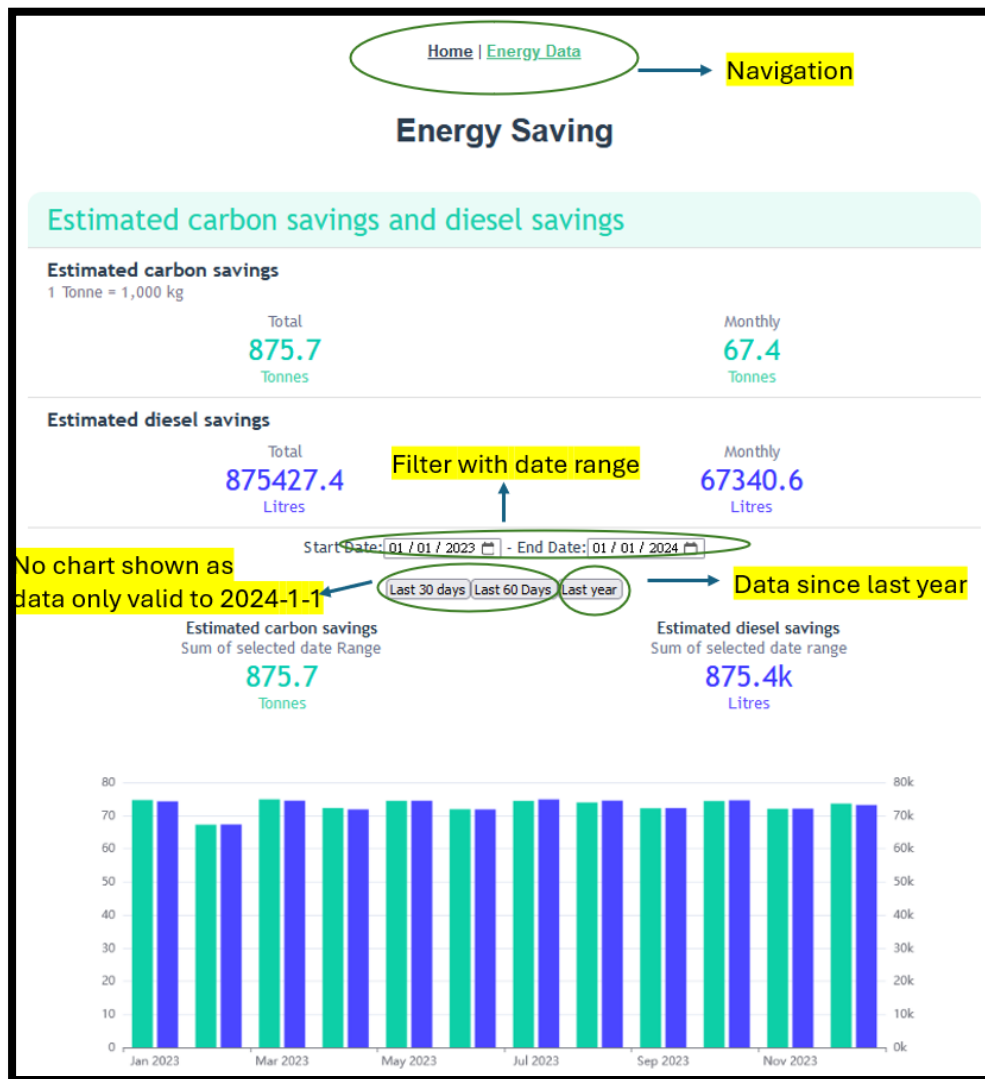
3.1 Homepage (http://localhost:8080/):



3.1 Chart (http://localhost:8080/energyData)



3.1 (cont.)



4. Troubleshooting

4.1 Module Node v18.19.0 does not exist

Fix: run `nvm install 18.19.0`

4.2 Vue CLI (vue-cli-service) is not installed globally or not available after

running `npm run serve`

```
> client@0.1.0 serve
> vue-cli-service serve

'vue-cli-service' 不是内部或外部命令、可执行的程式或批次檔。
```

Fix: run `npm i`

4.3 Eslint Prettier Error by running `npm run serve`

```
8:9  error  Delete `câ` prettier/prettier
9:25  error  Delete `câ` prettier/prettier
10:54 error  Delete `câ` prettier/prettier
11:1  error  Delete `câ` prettier/prettier
13:20 error  Delete `câ` prettier/prettier
14:16 error  Delete `câ` prettier/prettier
15:16 error  Delete `câ` prettier/prettier
16:5  error  Delete `câ` prettier/prettier
17:3  error  Delete `câ` prettier/prettier
18:10 error  Delete `câ` prettier/prettier

652 errors and 0 warnings potentially fixable with the `--fix` option.
```

Fix: run `npm run lint`