

## Prerequisites

To run the Household Service App, we need:

- Python 3.10
- Node.js
- Redis

## Installation

1. Make a directory:

```
mkdir Household_Services
```

2. Install Vue CLI:

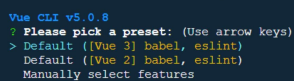
```
npm install -g @vue/cli  
#after that check npm version for confiramation  
npm --version
```

## Frontend (Vue CLI)

1. Creating fronend:

```
vue create fronend  
# We will keep all the frontend codes
```

2. Result will be as:



```
Vue CLI v5.0.8  
? Please pick a preset: (Use arrow keys)  
> Default ([Vue 3] babel, eslint)  
Default ([Vue 2] babel, eslint)  
Manually select features
```

- Select Default Vue version
- After it npm\_package will be created in frontend directory

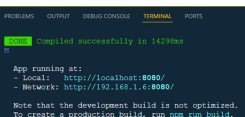
3. Installing vue router:

```
cd frontend  
vue add router
```

4. Dealing with prasingError: eslint:

```
cd frontend  
vue add eslint
```

5. Terminal will show server running status:



```
Compiled successfully in 1429ms  
  
App running at:  
- Local: http://localhost:8080/  
- Network: http://192.168.1.1:8080/  
  
Note that the development build is not optimized.  
To create a production build, run npm run build.
```

6. Start coding in frontend directory in src directory:

```
cd src  
cd component
```

## Backend (Flask)

1. First, create virtual environment

```
python3 -m venv .venv  
source .venv/Script/Activate
```

2. Install Python dependencies:

```
pip install -r requirements.txt
```

3. Upload initial data:

```
python3 upload_initial.py
```

4. Set up and start the Flask server:

```
python3 app.py
```

## Windows Subsystem for Linux (WSL) How to use MailHog, Redis and Celery

- All actions to be performed in backend only
- Open cmd terminal
- 4 terminal to be opened
- In all 4 terminal type 'wsl' and press 'enter'

### MailHog Server (Terminal : 1)

1. Start MailHog Server
  - First go to backend folder

```
cd OneDrive/Documents/MAD_II_Project/Household_Services/backend
```

2. Install MailHog if not installed:

```
wget https://github.com/mailhog/MailHog/releases/download/v1.0.1/MailHog_linux_amd64  
mv MailHog_linux_amd64 MailHog  
chmod +x MailHog
```

3. After installation:

```
./MailHog
```

4. Open MailHog in browser

[MailHog](#)

### Redis Server (Terminal : 2)

1. Start the Celery worker:

```
sudo service redis-server start  
redis-cli  
<!-- sever will run -->
```

```
<!-- Ctrl + C to exit -->  
sudo service redis-server stop
```

### **Celery Server (Terminal : 3)**

1. Start the Celery beat:

```
celery -A tasks.celery beat --loglevel="info"
```

### **Celery Server (Terminal : 4)**

1. Start the Celery worker:

```
celery -A tasks.celery worker --loglevel="info"
```