

Installation Manual

Install XAMPP [Download XAMPP \(apachefriends.org\)](https://www.apachefriends.org/)

When XAMPP is finished installing, run the Apache and MySQL modules

Note: If port 443 is taken, you will need to configure apache to run on a different port, such as port 4430.

Install Anaconda from: [Anaconda | Individual Edition](https://www.anaconda.com/products/individual)

Install Node JS from: <https://nodejs.org/dist/v14.15.3/node-v14.15.3-x64.msi>

Import database: **Ensure both apache and MySql modules are running!**

Open a browser and go to the URL 'localhost/phpmyadmin' (or click the 'Admin' button on the same line as MySQL from XAMPP)

On the left side of the screen add a new database called '571project'

Then navigate to the SQL tab on the main screen and paste the script called 571project.sql from the backend directory and click GO

The script is importing a large amount of entries in the tables, so it may take a few minutes

Run the following commands in a new Anaconda command prompt:

Pip install mysql-connector-python-rf

Pip install mlxtend

Pip install pandas

(change directory to the backend directory) npm install

After this step, keep the anaconda prompt open for later

In your default browser, add the redux extension "Redux devTool" [Redux DevTools - Chrome Web Store \(google.com\)](https://chrome.google.com/webstore/detail/redux-devtools)

Open a cmd prompt in the frontend directory and type:

npm install

npm i @nivo/core (*This is an optional dependency that isnt installed by npm but is still required*)

You may need to run an: npm audit fix

The application should be fully installed now, you can run it as follows.

Frontend:

Normal CMD prompt running 'npm start' in the frontend directory

Backend:

Anaconda Prompt running 'npm run nodemon' in the backend directory

For new orders simulation/automated warning messages:

Open another Anaconda Prompt, go to the /Backend/python/ directory and enter python newOrdersSimulation.py

The frontend system will launch your default browser and open the site.

Note: The very first time the page launches may take a minute or two