

Project Setup Guide

Requirements

- Python 3 must be installed.
- XAMPP must be installed.
- The SQL script (cmp210.sql) is provided in the repository.

1. Set up XAMPP and Database

1. Open XAMPP Control Panel.
2. Start both Apache and MySQL.
3. Open phpMyAdmin (usually at <http://localhost/phpmyadmin>).
4. Create a new database named cmp210.
5. Import the provided cmp210.sql script to create the tables automatically.

2. Set up the Python Environment

1. Open Command Prompt inside the project folder.
2. Create a virtual environment:

```
python -m venv venv
```

3. Activate the virtual environment:

On Windows: `.\venv\Scripts\activate`

On Mac/Linux: `source venv/bin/activate`

3. Install Required Python Packages

Inside the virtual environment, run:

```
pip install flask flask-mysqldb pymysql
```

4. Run the Project

Inside the virtual environment, run:

```
python app.py
```

5. Open the Project in Browser

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Once app.py is running, open your browser and visit:

`http://127.0.0.1:5000/home`

You will see the Stock Manager homepage!