

EECS 341 Project

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Database Setup

Manual Setup

1. Install *Virtual Environment*
 - o ***sudo apt-get install virtualenv***
 - o Enter **sudo** password if prompted
2. **cd** to project directory **eaterank**
3. Create new virtual environment named **eaterank**
virtualenv eaterank -p python3
4. Activate the virtual environment
 - o ***cd eaterank***
 - o ***source bin/activate***
5. Install *Flask* on the virtual environment
pip3 install flask
6. Install *MySQL Connector* on the virtual environment
pip3 install mysql-connector
7. Install supporting libraries on the virtual environment
 - o ***pip3 install requests***
 - o ***pip3 install logger***
 - o ***pip3 install configparser***
 - o ***pip3 install bs4***
8. Create database on localhost
 - o ***cd ../***
 - o ***sudo mysql -u root -p -e "SOURCE setup.sql;"***
 - o Enter MySQL password for **'root'**
9. To deactivate the virtual environment
deactivate

Automatic Setup

1. **cd** to project directory **eaterank**
2. Make shell script executable
chmod +x setup.sh or ***chmod 755 setup.sh***
3. Run the shell script executable
 - o ***sudo ./setup.sh***
 - o Enter **sudo** password if prompted
4. Enter MySQL password for **'root'** when prompted

Potential Error Solutions

- 'no module named configparser'
 - *pip3 install configparser*
- 'caching sha_2_password cannot be loaded'
 - If using MySQL on Windows, set the user authentication method to **standard**