

# EECS 341 Project

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## Database Setup

### Manual Setup

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

### Automatic Setup

1. Make shell script executable  
**`chmod +x setup.sh`**
2. Run the shell script executable  
**`./setup.sh`**
3. 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**