Final Report

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Deployment Environment:

Operating System: Windows 10 (should support linux/macOS as well)
Python Version: 3.6.4 (should work on anything 3.x where x>6)
If running on linux it should work for Ubuntu 18.04

To install on linux/macOS:

Run the following commands:

- "sudo apt-get install mysql-server"
- "sudo apt-get install libmysqlclient-dev"
- "sudo apt-get install libssl-dev"
- "sudo apt-get install python3"
- "sudo apt-get install python3-dev"
- "sudo apt-get install python3-pip"

Python modules to install:

Listed in requirements.txt run the following commands:

- Windows: "pip install -r requirements.txt"
- linux/macOS: "pip3 install -r requirements.txt"
    - Sudo might be required

Go here and download the corresponding mysqlclient wheel file for your deployment environment (please use version 1.4.6), then run "pip install {name_of_wheel_file}"

Extraneous Files:

Go here and follow the installation instructions for cloud sql proxy

- NOTE: We've included the windows and macOS one in our source code.
    - You may need to run "chmod +x cloud_sql_proxy" on macOS before running.

Starting the project locally:

- Open two PowerShell/Console and cd to the root folder of the source code
- In one of the consoles run './cloud_sql_proxy -credential_file="credentials.json" -instances=cs4750-274816:us-east4:db-final-project=tcp:3306'
- In the second console run
    - windows: 'python manage.py runserver'
    - linux/macOS: 'python3 manage.py runserver'

Accessing the project:

- Open chrome (or other browser) and go to localhost:8000