Final Report
Partners: Ben Brown (bfb3ab), Alexa Gomez (apg2hv), Goutham Thiagarajan (gst6yg), Hank
Weber (hpw3nr)

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

  Getting mysqlclient module:
  - Windows: 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}"
  - linux/macOS: "pip3 install mysqlclient"
    - Sudo might be required

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