Our front end code has two components, the middleware Python server and the actual front end website.

To run the Python server:
1. Make sure SQLAlchemy is installed. The instructions and link to the SQLAlchemy library can be found on the course website, in the document titled [Connecting to My SQL with Python by Maryam Aziz](#).
2. Install the latest version of [Python 2](#). The version used to develop the middleware is 2.7.11.
2. Run the file named middleware_MatthewManomivibul_AaronHoang_cs3200.py.

To run the front end site:
1. Make sure [Apache HTTP server software](#) is installed.
2. Place the index.html.en file into the Apache docs folder.
3. Optionally, rename that file to just index.html.
4. Start the Apache server.
5. In a web browser, navigate to either "localhost/index.html.en" or "127.0.0.1/index.html.en" if you did not rename the file; if you did, go to "localhost" or "127.0.0.1".
The front end site will not work properly unless the Python server is up and running first! And the Python server won't work properly unless the database connection is active. Our code doesn't have a password set for the database, so you may need to alter that for use on your machine.