CS261 Group 24 Project Installation Instructions

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Code can be found in the submission from Stylianos Maimaris - u1811519 under the cs261_webapp directory

The prototype system is build using the Django Python framework. As such it is necessary for Python 3.8.1 or greater to be installed. A bash script is provided to install the required libraries, including Django however it may not function on some systems as it has only been tested using Windows 10. The file can be run by navigating to the cs261_webapp directory within command line and typing:

```
$ ./runserver.sh
```

Alternatively, Django can be installed from the command line interface by issuing the following:

```
$ pip install django
```

In addition, the following libraries are used and need to be installed:

- ReportLab

  ```
  $ pip install reportlab
  ```

- NumPy

  ```
  $ pip install numpy
  ```

- SciPy

  ```
  $ pip install scipy
  ```

- Pandas

  ```
  $ pip install pandas
  ```

To run the prototype, navigate to the cs261_webapp directory (included in the tabula zip file) from the command line, where the manage.py file is located, and execute the following command:

```
python3 manage.py runserver
```

The webserver will be launched at the default local host url: http://127.0.0.1:8000/ with user name being **admin** and password **admin123**. The project is submitted with data for 2019 already in the database to allow for testing of the generate and search report functions. No data is available to edit as that data is considered archived. New trades must be created to test that functionality. The CSV Upload function could also be used as described in the final report.