**Group: Flat Function**

**Statement of Work**

**Member Contributions:**

**Note:** Each member of the group worked on the parts of the documentation and of the powerpoint that correspond to the code that they wrote.

**Pranet Sharma:**

-Worked on the Web scraper and the File output in the Python portion of the code.

-Integrated the Web scraper with the RateMyProfessorAPI and got both the programs to work together.

-Assisted in writing the bash script

**Aya Kassem:**

-Worked on the FileIn class and implemented the function that will read the needed data from the .csv file into the variables that will later be used in the algorithm.

- Created and wrote the code for the algorithm that will be used to check if any of the schedules contain any time conflicts.

**Rishav De:**

* Implemented the Professor class to store professor data.
* Wrote the code to create the data structure that is used to figure out the best possible schedule.
* Wrote the Course class which included the functions to return a vector of structs which contains the average rating for a vector of Professors as well as that vector (The algorithm to find best possible schedule with no time conflicts).
* Implemented the code for the console GUI which was acquired from friedmud on GitHub.
* Created the bash script and makefile for the program.

**Noah Cherry:**

* Adapted RateMyProfessor API from a git repository to fit the needs of the project
* Worked on RateMyProfessor API, data cleaning, and professor search for user entries
* Debugged integration of webscraper and API and implemented solution for cases where multiple professors with the same name were found