

COSC 4P02 Proposal

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Github Page: <https://github.com/aaronmakes/ratemyscholar>

Problem

Trying to find accurate reviews on TA's, professors and students such that users can refer to the resource as a means of knowing what to expect from a certain member from the school. For instance, if a student wants to know about what to expect from the professor of a course they will transfer, they won't really have a resource to refer to aside from word of mouth. The app will give the user that information so that they can make an educated decision on whether they would want to participate in a course run by this professor.

Another example of a problem would be students wanting to know if another student is a good partner for a group, it could be that the student they are thinking of pairing up with infamously does not contribute as much to the project. It would be unfortunate for the user to commit to a project with that student and have to work more than needed to compensate for the lack of effort on the side of their partner. With no one to gauge another student's professional capability at a glance prior to actually committing to the project, the other student is in the dark. Finally, there could be a case where a teacher wants to assess if another member of faculty is a good fit to work in tandem with in regard to teaching a class or handling an project, the inability to assess whether they are a good team player and quality member of staff makes it a bit more uncertain in deciding the most optimal selection for a teacher to work with.

These are few examples of the problem which persists without the purpose of the app being served which effectively can be encapsulated by the inability to know anything about another member of the school in terms of their professional quality aside from potential word of mouth, if any.

Objectives

- Provide an easy means to narrow down the school to search from.
- Provide an easy means to search and find specific staff/students/profs etc.
- Allow for users to provide feedback on another member of the school in the form of a paragraph.
- Additionally, provide a rating system to measure the quality of the school member for users so they can provide feedback this way as well.
- Have the webpage interact quickly with a large database containing information for many schools and all members within.

- Make the web page for Rate My Scholar and all its pertinent functionality mobile-friendly and very accessible otherwise.

Importance

- The importance of the app will be to remedy, on a mass scale, the levels of uncertainty among many members of the school in assessing whether the individuals involved in their next step of their academic or professional career are the most conducive to their success and growth. With the app in the hands of all the individuals of Brock, for instance, a good and effective way to determine this would be possible and also would create a great platform to make all aware of their issues and strengths providing a good measure for self-growth in addition to the aforementioned effect.

Description

- The website homepage will include a search function, where the user can enter in a school, professor, faculty, TA's and student
- Entering in school or faculty will return the highest rated TA's, students and professors for that school or faculty.
- The user can further explore the rating by clicking the individual and see a detailed list of reviews from students.
- The rating is out of 10 and includes a comment section where further details can be put.

Software Engineering Process

- The software engineering process that will be employed in the development of the Rate My Scholar app will be that of the Scrum process. As a result, sprint planning will be extensive and encompassing segments of functionality pertinent to the product backlog and evidently inflexible to change however each sprint we anticipate to take a few weeks per the norm.

Timetable

Week	Objective
Jan 11-15	Form group and finish proposal
Jan 18-22	Graphical User Interface mockup completed and instantiated as a means of reference for the functionality of the system.
Jan 25-29	Back end skeleton conceptualized and instantiated with respect to the

	expected functionality of the system.
Feb 1-5	Requirements deliberated and overall design created and finalized.
Feb 8-12	Implement functionality of searches for school and student/prof/staff etc.
Feb 15-19	Implement pages for every individual member of a school.
Feb 22-26	Implements means of feedback for an individual of a school.
Mar 1-5	Finish release one of the Rate My Scholar system.
Mar 8-12	Bug Fixing of the first release and any bugs that arise after said release
Mar 15-19	Testing of the new iteration of the project implementing any bug fixes and improvements
Mar 22-26	Deployment of this instance of release
Mar 29-April 2	Finish release two of the Rate My Scholar system.
April 5-9	Bug Fixing again for any bugs that came about from the recent second release
April 12-16	Testing the new iteration of the project with bug fixes implemented in addition to any optimizations, refactoring and improvements made.
April	Deployment of final product.
April 26-30	Final demonstration

Weekly Meeting Times

- Wednesdays 1PM-1:30PM is the segment of times allotted for the weekly meeting times for updates on the project.