

Our senior design project consists of creating a web application that uses analytics (google/twitter/ etc.) and sentiment analysis to determine public opinion about businesses based on location. The users' results are planned to be displayed on a map based on where they live. A great aspect about this project is the possible business, and personal use. With the combination of our team members skills, and desire to create a useful and unique application, we can make a great project.

There are a couple of courses that will help contribute to the development of our project. More theoretical CS courses I personally feel will not contribute too much to development of our web application. Therefore, the primary courses that will provide us with the knowledge to develop our application will consist of D&A of algorithms (4071), Dbase Design/Devel(4092) and Programming Languages(3003). Those three classes include practical knowledge that will be used explicitly and implicitly throughout the applications creation.

In terms of my co-op experiences, I have learned a plentiful number of skills that will contribute to guidance of this project. Firstly, my experience as a full stack developer included me learning valuable front-end and back-end that will synergize well with the creation of our full stack application. My other 2 co-ops included me working as Database and Systems Engineer. My Systems Engineering experience will prepare for the design process while my Database Engineering experience will help contribute to the development of the backend of our project.

To begin our project, we will need a well thought out plan to develop our application. A utilization of everyone's skillsets will be essential in creating a well working—smooth application. I look forward to working on this project since there will be many challenges that will need to be overcome, creating many opportunities to learn. Another big reason is the potential use of this application at the business level, using user data to create useful application for many companies could be greatly marketable.

Our project expectations are to make a working application as the logic and process of acquiring the data will be a challenge. Our goals include creating a visually appealing, easy to navigate, and useful application. Determining when our project is complete will consist of how

far we are towards the end of our allotted time. The end goal is to have a working application, it is not uncommon for teams to have a non-functional application. Lastly, how I will assess myself is based on how much time and effort I will contribute to this project.