Assignment #7: Major Project Constraints

Time:

The biggest constraint that comes to mind is time. Our project's deadline is at the end of the school year, and we are all taking full-time course loads and have additional extracurriculars and/or obligations. We believe that time management will be key to the successful completion of our project deliverables. Especially after our heavily-packed Fall schedules come to and end, we anticipate being able to chunk out a majority of this work over winter break and near the beginning of Spring semester. Succeeding in timely completion of the project will also include keeping the deliverables for the project reasonable by limiting the scope of the project.

Scope:

Managing the scope of the project will be one of the major constraints we must work within. We may be able to imagine dozens of features that our software may have, but limiting to a realistic set of deliverables will be key in actually producing something that works. We are all invested in making this piece of software because we think it will be really useful for the target market. But that doesn't mean it needs to come out perfect. What matters most is getting a working prototype out.

Technical Expertise:

This project requires a fair amount of technical expertise. Some of the major technical expertise that we would need revolves around creating and optimizing the algorithms that we plan to have as one of the major features for our project. As all members have limited algorithm experience, this will become a major constraint to completing this part of the project. In other areas of our project, such as UI design we do have members that have a good amount of experience in this field.