

Capstone Project Proposal

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Overview and Project Purpose:

This project serves the purpose of tackling the problem of current well-known browsers watching users for the purpose of “ad personalization.”

In its complete form, this project will be a fully functional web browser fully supporting any HTML5/CSS3/JavaScript/PHP website which can be used by any user.

Goals and Objectives:

1. **Create a fully functioning browser:** Create a browser that has most or all of the same features as the more popular browsers without the feeling of being watched.

Team Members:

Myself

Customer:

Myself

Users:

Myself (Subject to change)

Financial Information (Cost estimate and budget information):

This project is being developed in 100% free software and therefore doesn't have any costs associated with it.

Milestones (tentative dates):

1. January 31, 2023: Working prototype

By January 31, 2023 I plan to have a fully functioning prototype of my project.

2. February 28, 2023: Necessity/Nice to have features completed

By the end of February, I hope to have all the necessary features programmed into the browser and begin adding the nice to have features.

3. March 20, 2023: Testing begins and Powerpoint and all diagrams completed

The Monday after spring break, my plan is to go all in on testing and fixing any bugs that I encounter with the software. In addition I plan to have all visual aspects of my project completed or nearly complete by this date.

4. April 25, 2023: Project uploaded

By April 25th I plan to have my project completed and uploaded to GitHub ready to submit to blackboard for my presentation.

Constraints:

The biggest constraint for this project is likely to be time. I will likely come across so many features that I would like to add but may need to save those features for future development on my project.

Assumptions:

My original assumption, when I first started planning my project, was that I was going to be spending all of my time on development of the project and I wouldn't give myself time to test the project. However the more I mapped out the project, the more time I found myself allocating for testing purposes.

Success Criteria and Project Priorities:

1. Did I include at least >50% of the features found in more popular web browsers?
2. Is my project fully functional and running without any bugs or errors?
3. Did I create something that I would use in my everyday life?

Risks and Obstacles to success:

The biggest risk to the success of my project is not letting time get away from me. If I follow my project milestones I believe I have allocated enough time to get everything done.