Anthony Harris

Web Programming

Final Project Report

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This project was an excellent opportunity to think critically and creatively on a problem of my own making. As was projected at the outset, scope was a major issue in the development of my site. And while I did not get into implement all the features that I had aspired to create, the result was a fleshed-out and user-centric application.

My project is a social media application targeted at event planning. Users can create and manage their account, add and manage friends / groups, post, manage, and reply to events. The original purpose of groups was to give a way for the user to target certain people as opposed to posting to their entire friend list. The application uses MySQL to generate different lists of users depending on the task.

The main issues that I dealt with were projection based. As I implemented new queries and features, the halfway point kept getting pushed further and further out. Eventually at the end I had to concede Google Maps, Ajax implementation, and even styling. However, I did leave the foundation for certain feature extensions, namely, friend request accept/decline functionality.

The forum project was a helpful spring board to this project but as I added features and logic to the site, that code soon became too rudimentary. I used a tutorial at <https://www.youtube.com/watch?v=Wgbmgf84ZOo> to give me some guidance on structure but that too was outgrown. The PHP manual, stack overflow, and other assignments were invaluable for identifying common errors and syntax implementation.

Although days-worth of time went into bug fixing, research, planning, and implementation, the result still comes off as basic due to the lack of styling. The strength of the site lies in the backend. It took hours to formulate the queries that generate the varying data throughout the site and I am very proud of it. I hope you enjoy exploring my project. Thank you for the semester.