Tyler Dyer

CS471, CS621

Professor Unan

06/29/2021

<div align="center">Project Proposal</div>

Good Day,

      The group members for this project include myself Tyler Dyer, Brandon Bogard, Daniel Oguhebe, and Mike Brascome. We all have diverse backgrounds, with 2 members being graduate students and the other 2 being undergraduate students. This team composition will give us the ability to tackle various obstacles and allow us to have a successful development process. When it comes to the main proposal, we believe that the most beneficial for educational purposes and for modern relevance is that of a digital marketplace/ platform along the lines of amazon.com. The project would allow us to develop a platform that would maintain users, with various attributes pertaining to each user. Whether it be personal information, or orders in progress, or password info. Along with this we will develop a simple and easy to use front end so that the user can easily and efficiently use the platform. Of course, we will have to streamline and simplify some aspects of the platform when compared to amazon, but we will still maintain the key important aspects of the storefront. We will be mainly the technologies discussed in class for the front end with html, bootstrap, stylesheets, and jquery. We will also integrate and use json and ajax for communication with the backend server. We currently plan to use node.js on the backend but could also use flask once we get deeper into the development process. We also plan to meet weekly to discuss the project so that it develops smoothly and we can tackle any issues that arise. Along with this we will be using git for version control so that we can easily manage the project and keep track of any changes each of us make. Lastly, we plan to tackle each task or section of the project together diving the work into smaller sections for each aspect, ie front end, backend, integration, functions, methods, classes etc, in order to better suit each of our strengths and train or help our weaknesses. We have not decided a title for the website yet but it will be a online storefront application that is easy to use and understand. We look forward to any feedback that you can provide.

Thanks so much,

Names and Blazer ID's follow:

Tyler Dyer – Fight47

Daniel Oguhebe – doguhebe

Brandon Bogard – bbogard

Mike Brascome – brascome