Writeup Week 1

Goals, Software and Plug-ins

The Front-End team's goals are to (1) receive information from the Product team about the website's essence, functionality, styling, etc. (2) generate friendly user interfaces that will constitute the client-side aspect of the website, and (3) include templates that will later connect to the Back-End team's server-side code. Since the job of the Front-End team is concerned with client-side programming and building user interfaces, our members have agreed that the best way to implement these goals will be to use `HTML5`, `CSS3`, and `JavaScript`. Because these user interface files will connect to the server (which has been decided by the Back-End team to be implemented by `Pyhton`,) some of our `HTML` files will use the template-engine `Jinja2` as a plug-in. We have seen some examples in class of how to utilize `Jinja2` and have used some of its features in Assignment 1, which is why we have chosen `Jinja2` specifically. We might resort to some `jQuery` functions within our `JavaScript` code, but in case we have an alternative way to write the code without `jQuery`, we will prefer to choose the alternative. Some of the members work with the Bootstrap framework, which is supposed to facilitate and accelerate the process of building user interfaces. We will store the static files (including the `JavaScript`, `CSS`, and perhaps image files) in a folder named `static` and template files in a folder named `templates` so that all the files could be accessed by the server-side code.

Distribution of Work among Team Members

Several members in our team have taken the Brooklyn College CISC 3650 class ("Human - Computer Interaction") in Spring 2019, in which we have intensively covered `HTML5`, `CSS3`, and `JavaScript` with many recent and useful properties, allowing these members to immediately begin materializing the wireframes provided to us by the Product team. Four members have already undertaken several tasks, including materialization of a few wireframe "screens" and divisions (`divs`). Those team members who are not sufficiently familiar with the languages were offered to refer to the `W3Schools` website in order to increase their `HTML`, `CSS`, and `JavaScript` skills (and mostly important - the ability to search and find necessary syntax on demand.) Approximately next week, which is about when they become more familiar with the languages, these members will be assigned with tasks to accomplish the goals of building the user interface. After the creation of all the interfaces' portions is done, the code of all the Front-End members will be combined to created an integrated interface. We are constantly notifying one another about our progress through the `GroupMe` application and via the repository.

Notifications from and for the Product Team and Back-End Team

The Front-End team is being in touch with representatives from the Product team and Back-End team regarding the project. Joe from the Product team as shared a link with very specifically styled `Adobe XD` wireframes that allow to begin constructing the user interface. Our goal is to make the actual interface both incorporate the functionality that the Product

team wishes to see and resemble the graphics that the wireframes introduce to the smallest detail. The Front-End team periodically consults with the Product team about the features and functionalities of the informs the Product team about any progresses.

Mark from the Back-End team joined the Front-End `GroupMe` group and receives messages and notification about our ongoing work. Once the `HTML-Jinja2` templates are ready, the Front-End will both upload the template files into the repository and provide a detailed explanation about which variables should be passed into out templates, the types of the variables, the names, etc. In case we make any change in the templates, we will immediately notify the member of the Back-End team about the changes.