CprE/SE 491 May1620 Weekly Report 4

Web platform for software specification of Java libraries
Reporting period: September 22 – September 29
Advisor / Client: Professor Rajan (ComS)
Members: Cody Hanika (Team Leader),
        Deeksha Juneja, (Communication Leader),
        Alex Dana (Web Master/Concept Holder)

Weekly Summary:

- Formally split into two distinct groups. Each group will work on a module that will eventually work together to form a finished product. (All)
- Used the Stack Exchange API to do a search and retrieval of posts and their contents for certain tags. (Alex and Cody)
- Studied different web frameworks and researched their feasibility for our goals (Deeksha)
- Began work on the website. Dr. Rajan suggested the idea of using Github Pages to make a nice looking site quickly so this approach will likely be taken (Alex)
- Dr. Rajan suggested we use a markdown format for our reports to make it easy to create good looking templates quickly (All)
- Dr. Rajan discussed the overall approach for our project (photo at end of document). We are to create a program that will post questions to the Stack Overflow site via the API. These questions should request refinement of specifications. Then we are to analyze the responses to extract a specification for the function in question. Finally we will take that specification and possibly repeat the process and/or store it for use. (All)
- We discussed that it would be a good idea to post a few of these questions manually to see how users respond to them. This will give us an idea of the amount, quality, and likelihood of responses for our questions. (All)

Goals for Next Week:

- Get our website setup using Github Pages (Alex)
- Keep Dr. Rajan in the loop by sending him links to our Weekly Reports and the Project Plan. (All)
- Begin to learn about posting questions via the S.E. API. (All)

Team Member	Hours Spent
Cody Hanika	3.5
Deeksha Juneja	3
Alex Dana	3.5

Below is a basic outline for our project