CprE/SE 491 May1620 Weekly Report 3

Web platform for software specification of Java libraries

Reporting period: September 15th – September 21th

Advisor / Client: Professor Rajan (ComS)

Members: Cody Hanika (Team Leader),

Deeksha Juneja, (Communication Leader),

Alex Dana (Web Master),

Robert Kloster, Evan Dye, Arik Coats (Concept Holders)

Weekly Summary:

* Understood what formal specifications were
* Each member made a presentation on 5 different formal specifications
* Researched about the potentially usable web frameworks (NodeBB, MyBB or ASP.NET)
* Researched and implemented a simple program to grab information from the Stack Exchange API (may use this later for grabbing specifications).
* Researched the viability of using grepcode.com to accquire source code; however, some difficulties with sparce/sketchy documentation regarding the APIs were encountered. Digging a bit deeper would be advised.
* Met with the professor for the second time
* Discussed the knowledge gained over the past week by each of the team member
* Discussed how to go about writing the first project plan

Goals for Next Week:

* Find the difference between potentially usable web frameworks and find the best one
* Work on the project plan document
* Start working on the website
* Continue work on the Stack Exchange API program to try and grab full questions and answers as well as the ability to grab posts by tags (such as a JDK 8 tag).
* Understand how best to proceed with acquiring source code; primarily, whether or not to use either grepcode or an alternative.

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| Team Member | Hours Spent |
| Cody Hanika | 3.5 |
| Deeksha Juneja | 5 |
| Arik Coats | 5 |
| Alex Dana | 3 |
| Robert Kloster | 3.5 |
| Evan Dye | 4 |