

## CprE/SE 491 May1620 Weekly Report 8

### Web platform for software specification of Java libraries

Reporting period: October 21 – October 28

Advisor / Client: Professor Rajan (ComS)

Members: Cody Hanika (Team Leader),  
Deeksha Juneja (Communication Leader),  
Alex Dana (Web Master/Concept Holder)

### Weekly Summary:

- This week was spent researching schemas, NLPs, and analysis criteria for answers. (All)
  - Researched answer fields to be used in answer analysis. (Alex)
  - Researched JML method specification grammar, Protocol Buffers, and how our data will tie in with the Boa system. (Cody)
  - Researched NLP libraries that may be used for answer analysis (Deeksha)
  - Met with professor Rajan to discuss potential issues with the data schema and to discuss how to go about posting questions to Stack Overflow

### Goals for Next Week:

- Begin research on analyzing answer bodies and how (if) we will combine good answers.
- Post questions on Stack Overflow manually to identify the response of people.
- Continue researching and possibly implementing a loose database schema
  - Create a way to transform our database data into protocol buffer format

<u>Team Member</u>	<u>Hours Spent</u>
Cody Hanika	5
Deeksha Juneja	5
Alex Dana	5