

## Cpr E/S E 492 May1639 Weekly Report 3

### A Web-based Platform for Java Specifications

Reporting period: January 23<sup>rd</sup> - January 29<sup>th</sup>

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Members: Evan Dye (Team Leader)  
Arik Coats (Web Master, Concept Holder)  
Robert Kloster (Communication Leader)

### Weekly Summary

- We have begun to explore Question2Answer's (Q2A) source code and functionality in depth; we are reasonably confident that the transfer will be both successful and useful.
- MyBB's API functionality for Users, Questions, and Answers have been successfully imported.
- The majority of the related post functionality has been transferred to Q2A.
- Library navigation has been added to Q2A home page.

### Goals for next week:

- Extend the API with calls for Comments; maybe even a generalized Post call, too, time depending...
- Determine how to generate related posts depending on the currently selected library on Q2A.
- Begin writing a parser to read through StackOverflow questions and determine their relevance to given parameters.
- Eliminate remaining bugs in library navigation.

Name	Hours Spent	Contributions	Results
Evan Dye	7	<ul style="list-style-type: none"> <li>• Determined how to implement the related post box on Q2A.</li> <li>• Ported the previously used related post algorithm from MyBB to Q2A.</li> <li>• Worked on the plan of action for the rest of the semester.</li> </ul>	The new Q2A forum now has the majority of the related post functionality previously implemented, with only one or two details not yet at the same place as on the MyBB forum.
Arik Coats	15	<ul style="list-style-type: none"> <li>• Created prototype of a library navigation system on home page using Javascript Ajax and PHP.</li> <li>• Worked on plan of action for the rest of semester.</li> </ul>	<p>The home page now lets users navigate through libraries in the database and view source code.</p> <p>System relies on calls to the database so no additional work will be needed to account for new libraries.</p>
Robert Kloster	11	<ul style="list-style-type: none"> <li>• Contributed to first iteration of our semester-long project plan.</li> <li>• Tested database access from API listings.</li> <li>• Ported over API functionality to Q2A software successfully. <ul style="list-style-type: none"> <li>○ Users</li> <li>○ Questions</li> <li>○ Answers</li> </ul> </li> </ul>	<p>We are able to successfully make calls to the database from the client's side of the platform, thus granting other applications access to our data via our API.</p> <p>Next phases involve the incorporation of more API calls to relevant types of data.</p>