Weekly Memo

Date	14/02/2014
Prepared By	Aryamman Jain
Project Manager	Ted Nolan
Team Leader	N/A
Team Members	AJ - Aryamman Jain (999554076) PM - Pranav Mehndiratta (999480725) VV - Vaibhav Vijay (1000073029)

Activities

Task	Assigned To	Due Date	Completed
Design Document			
Revise/Finalize completed document sections in previous week	PM, VV	07/02/2014	✔
Design UML Diagrams	Team	07/02/2014	✔
Add protocol to design decisions	AJ, VV	07/02/2014	✔
Author/Revise Conclusion	AJ, PM	07/02/2014	✔
Revise/Submit Design Document	Team	07/02/2014	08/02/2014
Storage Server Development			
Combine shell designs	Team	08/02/2014	✔
Add enhanced parsing to shell	Team	08/02/2014	✔
Develop code requirements	Team	09/02/2014	✔
Revise shell implementation	Team	09/02/2014	✔
Implement designed protocol	Team	09/02/2014	✔
Debug client-server communication	Team	09/02/2014	✔
SVN and 'testsubmit' quiz	PM	12/02/2014	✔
Doxygen Documentation	PM, VV	13/02/2014	✔
Hash table implementation	AJ	15/02/2014	IPR
Assess requirements vs implemented design decisions	Team	15/02/2014	IPR

Design Document

Sections authored in previous week were revised after CI meeting on February 7. Goal was to complete and submit design document by end of day, however we underestimated the time required to author and revise each component, like the UML diagrams. All team members equally put in the required extra time and effort; taking initiative to improve the document. Although a complete redesign of the client-server communication protocol was considered, we decided to implement only a simple modification of the sample protocol. The modifications were to add flexibility to the protocol and enhance readability during debugging, which satisfied our requirements without a ground-up designed protocol.

Storage Server Development

Development of the server was delayed by 1 day and it affected our goal to complete the implementation by February 9. Development commenced on February 8. The implemented shell was a combined version of each member's implementation, allowing for enhanced parsing and error-checking. Following the programming specifications, we had to modify the shell implementation as it was too strict while parsing inputs, not allowing for correct error flags to be raised deeper in the program. Client side programming and documentation was completed on schedule, leaving only the server side database implementation. Our goal is to complete the implementation on February 14 and have a satisfying build tested and running by February 15.

Overall Team Dynamics

Our strategy to design and develop together as a team, instead of leaving tasks to individuals, is proving to be efficient. All team members have a solid understanding of the design and concepts involved in the development. Any form of miscommunication is minimized and each individual's interests are clearly aligned with the team's objective. We may experiment conglomerating independent work through the next phase of the project.