

CprE 491 Weekly Report**May1610****Week 11(November 15, 2015)**

Project Name: Geospatial Mapping for Coverage Analysis

Advisors: Akhilesh Tyagi & Swamy Ponpandi

Client: John Deere (Benazir Fateh)

Group Members:

- Luke Milius - Team Leader
- Frankie Nelson - Team Key Concept Holder
- Sarah Ulmer - Team Webmaster
- Brenda Lopez - Team Database Leader
- Jake Caithamer - Team Communication Leader

Attendance:

- Luke Milius (4)
- Frankie Nelson (4)
- Sarah Ulmer (4)
- Brenda Lopez (3)
- Jake Caithamer (4)
- Swamy Ponpandi (1)
- Dec 1509 492 team (1)

<u>Team Member</u>	<u>Individual Accomplishments</u>	<u>Hours Contributed [week(total)]</u>
Luke Milius	Added to CSV uploader to remove the file after the file has been added to the database. Added exception and file checks for the uploaded files. Adjusted some logging configuration for the project and added verification for a selected drive test id when uploading a file from the GUI.	7(39)
Frankie Nelson	Meetings, Added automatic CSV parsing to project	7(35)
Sarah Ulmer	Meetings, worked on website, added delete drive test functionality,	7(34)

	researched unit testing	
Brenda Lopez	Meetings, research on MockMVC JUnit Testing, and wrote two test cases.	9(44)
Jake Caithamer	Did a bunch of work with database access functions, file parsing, AJAX calls, and all-around front- and back-end functionality. Also prettied up some of our webpages a bit, retyped part of the database, added functionality to retrieve and display the datapoints from a given drive test, and improved the workflow for creating new drive tests.	15(55)

Accomplishments from last week:

- Continued working on project in preparation for our demo this week
 - Basic database upload functionality is fully operational
 - Have two different ways to read and store a file on our database
 - Pretty efficient and extendable
 - Data access is working and partially implemented
 - Number and functionality of implemented webpages is increasing
 - Implemented some basic styling on the webpages
 - Added and started using some test cases
 - Improvements to exception handling, data verification a few workflows, code formatting/appearance, and the team website
- Met with 492 group 1509 for the homework
 - Asked them questions that are present on the homework
 - Got a basic demo of their project, which is also publicly hosted so that we can test it out ourselves
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Topics Discussed:

- Lots of implementation details
 - Everything from CSS problems to JDBC errors and project setup
- Figuring out what content will be available for our demo
- Lots of discussion of different issues that come up when pulling from the remote repository
 - Mostly random problems that the person who pushed the changes had to solve, but which still are inherently present in the other members' projects, such as local database setup or changes to properties files
 - Other random growing pains

Upcoming Week

- Demo to John Deere Tuesday at 4pm.
- Any other work we do will probably be dependent on feedback received from John Deere
- Complete the 492 meeting homeworks and turn them in.
- Fall break :-)