

CprE 491 Weekly Report**May1610****Week 10(November 9, 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 (3)
- Frankie Nelson (3)
- Sarah Ulmer (2)
- Brenda Lopez (3)
- Jake Caithamer (3)
- Swamy Ponpandi (1)

<u>Team Member</u>	<u>Individual Accomplishments</u>	<u>Hours Contributed [week(total)]</u>
Luke Milius	Meetings, Worked on trying to add Spring Security to the Web Application to secure down and restrict the users. Added to CSV uploader to remove the file if the file is invalid. Helped debug connection to database with JDBC.	5(32)
Frankie Nelson	Meetings, Added CSV parser SQL file	6(28)
Sarah Ulmer	Meetings, worked on website, set up a check to ensure a csv file	4(27)

Brenda Lopez	Meetings, modified Project Plan Version 2, setting up JUnit Testing, and determining how to write the test cases.	10(35)
Jake Caithamer	Spent a bunch of time trying to set up Hibernate/JDBC and didn't have much luck, so eventually just gave up and did some simple workflows and code cleanup	11(40)

Accomplishments from last week:

- Set up Database
 - Created database & tables
 - Implemented schema
 - Created auto-generation scripts to mimic the database
 - Tried to fix some compatibility problems
- Code development
 - Finished file upload functionality, file parsing, and drivetest management
 - Still needs aesthetics, security, and pieces to link all of the above modules together
- Created Trello board
 - Trello is used to track tasks, assign these tasks to different team members, and share tasks with other members
- Updated and resubmitted our project plan
 - Minor changes and improvements, since we didn't get any feedback on the first version

Topics Discussed:

- Databases schema
 - Tables, keys, references, scripts
- Git Repository

- Branch structure, pushing/pulling/etc
- Discussed different ways to assign and track tasks (see Trello above)
- Debugging discussions
 - Problems with Spring and Jetty, issues with Jdbc, compatibility, beans
 - Talked about how to use the logger

Upcoming Week

- Prep for client demo next week
 - Code still needs lots of functionality
 - Need to reserve a room
- Meet with 492 group (hopefully)