

CprE 492 Weekly Report**May1610****Week 7 (February 26, 2016)**

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 - Database Lead
- Jake Caithamer - Team Communication Leader

Attendance:

- Luke Milius (2)
- Frankie Nelson (2)
- Sarah Ulmer (0)
- Brenda Lopez (2)
- Jake Caithamer (2)
- Swamy Ponpandi (1)

<u>Team Member</u>	<u>Individual Accomplishments</u>	<u>Hours Contributed [week(total)]</u>
Luke Milius	Improved the CSS code on the login page to match the rest of the site and fixed the navigation bar loading on the home page from shifting the page down. Fixed a login bug where pressing the enter key when logging in would take you to a 404 not found page.	5(31)
Frankie Nelson	Worked on styling CSS navbar. Discovered MarkerClustering plugin.	4(30)
Sarah Ulmer	Did not accomplish anything	0(24)

	due to family emergency	
Brenda Lopez	Meetings. Included update query to add the geometry point into the dataPoints table. Implemented functionality to double click a region and zoom in.	3(42)
Jake Caithamer	Refactored a bunch of enumerations and markup for easier maintenance and added a way to pick drive tests for the line/bar graphs. Tried to hook up the database and failed miserably	10(37)

Accomplishments from last week:

- Map functionality continues to improve, along with ways to show and use counties/regions
- Rudimentary login/security system is working
- Polish and refactoring for parts of the report page

Topics Discussed:

- Some issues with performance when mapping large numbers of data points
- What we would like to have done before our meeting with JD on thursday
- Some changes that we want to make with how the reports and maps interact

Upcoming Week

- Talk with and demo to JD, hopefully get a bunch of feedback
- Polish appearance of pages, work on performance issues, deploy to Amazon, and compile all of our database scripts