

CprE 492 Weekly Report**May1610****Week 8 (March 4, 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 (3)
- Frankie Nelson (3)
- Sarah Ulmer (2)
- Brenda Lopez (3)
- Jake Caithamer (3)
- Swamy Ponpandi (2)
- Benazir Fateh (1)
- Nicholas Sitter (1)

<u>Team Member</u>	<u>Individual Accomplishments</u>	<u>Hours Contributed [week(total)]</u>
Luke Milius	Worked on deploying web application to the amazon server, trying to get the database working on the remote server and fixing bugs/issues with the remote server.	11(42)
Frankie Nelson	Started code for changing which attribute to measure for each marker.	4(34)
Sarah Ulmer	Continued improving bar graph for reporting tool	4(28)

Brenda Lopez	Meetings. Wrote a query to aggregate the attributes to produce an average value, and displays the map as a county heat map.	10(52)
Jake Caithamer	More refactoring and cleanup, plus a bit of styling and standardization	5(42)

Accomplishments from last week:

- Phone meeting with client, received some feedback and opinions.
- The usual improvements to styling, appearance, efficiency, and functionality

Topics Discussed:

- Some discrepancies between the original spec for our project and what JD is saying now
- Started thinking about wrapping up the project and what we'd still like to finish
- Talked about some cool features like county-based data selection and zooming

Upcoming Week

- Get as much done as we can before spring break, cause no one wants to work on it while on vacation...
- Specifically, we'll be working on a new way to break the map into smaller pieces, a better way to calculate heat map densities, and the ability to map data with different metrics (quality/RSSI/download speed etc)
- Ways to group data in the reports page in meaningful ways, such as by county or time period