

**CprE 492 Weekly Report****May1610****Week 6 (February 19, 2016)**

Project Name: Geospatial Mapping for Coverage Analysis

Advisors: Akhilesh Tyagi &amp; 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 (2)
- Brenda Lopez (2)
- Jake Caithamer (2)
- Swamy Ponpandi (1)

<b><u>Team Member</u></b>	<b><u>Individual Accomplishments</u></b>	<b><u>Hours Contributed [week(total)]</u></b>
Luke Milius	Merged the mapbox branch into master and merged security branch to the master branch. Started to add a navigation bar to be used throughout each page.	4(26)
Frankie Nelson	Added MORE heat map functionality.	3(26)
Sarah Ulmer	Worked on reporting tool, improved the bar graph functionality	2(24)
Brenda Lopez	Meetings. Finished the county	7(39)

	feature layer on the map. Created a table with reference to each state fips to county fips. Added a geometry column to the a table and wrote a query to identify which point is within a county.	
Jake Caithamer	Improved functionality of the reports page and developed and tested a way to generate new data for the project	6(27)

**Accomplishments from last week:**

- Can draw and fill outlines of counties in Iowa
- Reports functionality improved
- Merged all of our branches as a snapshot while we're at a good functional point
- Some documentation and cleanup

**Topics Discussed:**

- How to generate and test data
- Some changes to how we are displaying and using the county data
- Some problems with merging the branches

**Upcoming Week**

- Continuing improving on functionality, implement the full heat map functionality as well as ways to change what data we're displaying
- Work on appearance and general layout of the reports page