
SE 491 WEEKLY REPORT 2 Date: 1/17/17 - 1/23/17

Group number: 01

Visualization of Earth Modeling System (Project 1)

Prof. Johnny Wong (Advisor) & Prof. Chaoqun Lu (Client)

Team Members/Role:

Kellen Johnson – Team Communication Leader

Anish Kunduru – Team Leader

Julio Salinas – Team Concept Holder

Eli Devine – Team Webmaster

○ **Weekly Summary**

Met with client and advisor to discuss progress on the project and verify that the client is satisfied with the prototype. Also discussed hardware constraints.

○ **Past week accomplishments**

- Kellen Johnson:
 - ❖ Met with advisor & client.
 - ❖ Fixed all parser settings.
 - ❖ Added tabs to Visual Demo to allow for client opinion during demo.
- Anish Kunduru:
 - ❖ Created tutorial for team members.
 - ❖ Met with advisor + client.
 - ❖ Setup Jython to tie in automation between Java and Python.
 - ❖ Setup tinylog for server-side logging.
 - ❖ Created main server daemon.

- ❖ Added a utility class that checks against converted files to ensure no dupes are converted.
- ❖ Setup universal code style preferences and refactored the project.
- ❖ Collaborated with Dr. Wong regarding getting a more powerful server.
- Eli Devine:
 - ❖ Began work with geodatabase
 - ❖ Met with advisor + client
- Julio Salinas:
 - ❖ Met with IT to figure out connection to server with Mac

○ **Pending issues**

- None at this time.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Kellen Johnson	Java Parser Fixed. Small JS / Html Fixes for demo.	7	83
Anish Kunduru	See above.	13	91
Eli Devine		1 ½	39 ½
Julio Salinas	Met with IT	1	43

○ **Comments and extended discussion**

- Anish Kunduru: Dr. Wong brought up with Dean the fact that at some point we need to make the server publically accessible outside of the university intranet. This is something we need to collaborate with IT at a later date for security approval.

○ **Plan for coming week**

- Kellen Johnson: Continue implementation of JS for allowing user-toggling of various maps. Will also look into map-regeneration and assist Eli/Julio in automation processing of data.
- Anish Kunduru: Get Python scripts runnable from the Java daemon. Full steam ahead with automation!
- Eli Devine: Discuss geodatabase issues with team during team meeting.
- Julio Salinas: Work on fleshing out JS that Kellen started on.

- **Summary of weekly advisor meeting**

Discussed progress on the project and verified that the client is satisfied with the prototype. Also discussed hardware constraints and what needs to happen to request a more powerful server.