Group number: 01

Project title: Visualization of Earth Modeling System (Project 1)

Client &/Advisor: 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**

This past week consisted entirely of the live demo to the client, as well as the collaboration upon the design document. We feel bad as a team, due to the fact we feel we were unable to give our full attention to the project this week, but look forward to future weeks where our schedules will once again re-open.

With what we were able to do, however, we feel as if we had a very successful demo (in which the client liked), and will be able to submit a design document which will spark intrigue to it's readers, as well as put further confidence into our advisor, client, and team.

- **Past week accomplishments (please describe as what was done, by whom, when)**
    - Kellen Johnson: I was able to guide the client and her colleagues through the live demo of the existing project. In addition, I was able to read more about the ArcGIS API platform on which we shall use, but was not able to implement due to time constraint. I also helped work on the Project Plan and helped guide collaboration.
    - Anish Kunduru: Worked with team on the project plan.

- Eli Devine: Project Plan, web development
- Julio Salinas: Worked on the project plan.

o **Pending issues (if applicable)**
- Kellen Johnson: None at the moment. Currently at a stand still development wise due to class load. Will pick-up development of software side of project as soon as possible (likely the end of this week).
- Anish Kunduru: None at the moment. Regarding development, same issues mentioned in the last report.

o **Individual contributions**

NAME	Individual Contributions	Hours this week	HOURS cumulative
Kellen Johnson	Lead Demo, Project Plan Editing, Contued to Read ArcGIS API	4	25
Anish Kunduru	Project plan	2	27
Eli Devine	Project Plan, collaboration	2	12
Julio Salinas	Project Plan, ArcGIS	3	13

o **Comments and extended discussion**
- Kellen Johnson: The client (Crystal) and the tech assistant (Brian) mentioned that if we have trouble in the near future in working on the software side of the project, to let them know prior to demo week. As our schedules are ramping up at the moment, the next demo may revolve around more documentation / design than implemented technology leading to a live demonstration.

o **Plan for coming week (please describe as what, who, when)**
- Kellen Johnson: Continue to read ArcGIS API. Finish the Project Plan and begin work on the Design Document. As well as continue to work on existing demo. We have to get the file parsed in. Once we all finish our collective projects, we should have more open time to collaborate together.

- Anish Kunduru: Finish project plan by Thursday. Modify existing demo to work with parsed ASCII input by this weekend. Test demo and if performance isn't satisfactory at that point, talk with team and figure out a new direction by 26/10.
- Eli Devine: Start Design document.
- Julio Salinas: Finish Project plan and start moving forward on the project.

- **<u>Summary of weekly advisor meeting (if applicable/optional)</u>**

The meeting on October 12th took place in Bessey Hall. Professor Wong did not attend this meeting as he was out of town. We tried to collaborate with him using Zoom through the school servers but were unable to establish connection in the open window of time we had.

What we were able to do, however, was demonstrate our existing demo to the client. This involved showing the 3D visualization of the globe, as well as the plotted corners (that make up her maps) and the center-point of said map. The client also introduced us to a few select colleagues that we will likely work alongside in the near future. Our next meeting is scheduled to take place on 10/26.