COM S 402 Weekly Report

February 9 – February 16

Reusable Web-Based Data Visualization Component

Team 7

Client Alberto Passalacqua

Contact albertop@iastate.edu

Team Members

Matthew Listwan	Team Leader, Visualization Development
Quynh Duong	Geometry Mode Development, UI Development
Thomas Huynh	Weekly Reports, Visualization Development
John Mindrup	Geometry Mode Development
Jake Patterson	Visualization Development

Weekly Summary

This week, the group was for the second time with the client. The second meeting provided the group with a direction to go, and the group split into two teams. Three people on data visualization and two people for geometry mode (based on difficulty estimated by Alberto). The rest of the week was spent preparing for the demo, both individually and twice as a team. One team meeting was to work on the project together and the other was to prepare for the presentation.

Pending Issues

Research is coming along, and the group is still a little unclear on how to proceed. Geometry mode has a decision reached to use Babylon.js. Data visualization is working on setting up the ParaView server and deciding between using ParaViewWeb and vtk.js.

Plans for Upcoming Week

Our demo with Professor Mitra will provide valuable insight on our progress so far and also insight on where to go next.

Team Contributions

Team Member	Contributions	Weekly Hours	Total Hours
Matthew Listwan	• Met with group and contributed to the meetings • Arranged schedules with group • Delegated duties to each team • Created presentation for demo	4	12
Quynh Duong	• Met with group and contributed to the meetings • Created mock website for demo	4	12
Thomas Huynh	• Met with group and contributed to the meetings • Took meeting minutes • Researched ParaViewWeb • Modified Apache Virtual Host to get website working • Downloaded necessary modules onto team server • Wrote weekly report	4	12
John Mindrup	• Met with group and	4	12

	contributed to the meetings ● Worked on Babylon.js, including getting a working demo running		
Jake Patterson	● Met with group and contributed to the meetings ● Researched vtk.js	4	12