

Group number: 4

Project title: Multi-Actor Framework for HTC Vive

Client &/Advisor: Dr. Nir Keren

Team Members/Role:

Andrew Buchta – Communications Lead,

Nicholas Boos – Co-Webmaster,

John Heiling Co-Webmaster,

Marcus Eidahl – Co-Design Lead,

Robert Slezak – Co-Design Lead,

Tom Kiss – Team Lead

Weekly Summary (Short summary about what you did this week)

This week we made final changes to decision matrices then implemented them into multiplayer. We added matrices to the replay functionality, diagnosed disconnection problems we are having, and reworked how objects are synchronized over the network.

Past week accomplishments (please describe as what was done, by whom, when)

- o Drew implemented decision matrix choose buttons, made videos autoplay when opened, added matrix randomization upon load, and implemented decision matrices into multiplayer
- o Tom implemented matrix replay ability
- o John and Nick worked on voice and diagnose the disconnection problem
- o Robert implemented object synchronization over network using client authority commands to server.

Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Andrew Buchta	Decision matrix multiplayer work and minor decision matrix adjustments	25	211
Tom Kiss	Matrix replay	8	152
Marcus Eidahl	Work on demo	6	147
Nicholas Boos	Work on demo	6	140
Robert Slezak	Networking: Optimization	8	167
John Heiling	Voice and disconnection problem	9	142

Plan for coming week (please describe as what, who, when)

- o Andrew Buchta: Presentation prep, Usage documentation for client, and final bug fixes
- o Tom Kiss: Presentation prep, creating documentation for client, optimizations
- o Marcus Eidahl: Presentation prep, creating documentation for clients
- o Nicholas Boos:
- o John Heiling: Optimize voice chat bandwidth and work on demo stuff
- o Robert Slezak: We are done

Summary of weekly advisor meeting (if applicable/optional)

This week was our final demonstration to Nir. Next week will just be a documentation hand off to his technical co-workers. Nir told us he was very proud of what we accomplished this semester and really likes how everything has turned out.