EE 491 WEEKLY REPORT 18 ***Date:*** *3/6/17 - 3/12/17*

Group number: *02*

Project title: *Developing a virtual reality/mixed reality-based platform for micro-surgery training*

Client &/Advisor: *Dr. Gil Ben Shlomo/ Dr. Nir Keren*

Team Members/Role:

Maggie Hollander – Leader
Eric Edwards – Communication Leader
Sam Glancy – Webmaster/Communications
David Weinstein - Webmaster
David Robideau – Key Concept Holder
Kyle Rohlfing – Key Concept Holder

- **Weekly Summary**
  - Met with adviser
  - Made progress on cutting interaction
  - Worked on suturing

- **Past week accomplishment**
  - Working on suturing
  - Working on cutting

- **Pending issues**
  - Cutting and Suturing are proving more difficult than expected
  - String still acting odd without showing signs of why

- **Individual contributions**

NAME	Individual Contributions	Hours this week	HOURS cumulative
Maggie	Spent a lot of time making the fluid look more like a fluid as well as implementing a system to be able to remove the fluid as if you were sucking it up using the tool during surgical process.	7	110
Kyle	Spent a lot of time making the fluid look more like a fluid as well as implementing a system to be able to remove the fluid as if you were sucking it up using the tool during surgical process.	7	135
Eric	Met with David W. And Sam to work on adding the string to the end of the needle	6	83
David W.	Continued work incisions, suturing, and string manipulation	6	92.5
David R.	Adjusted incision systems for smaller scale models	5	102
Sam Glancy	Continued to work on suturing and string manipulation	6	88

- **Comments and extended discussion**
    - Project is too difficult to create realistic models/cuts/interactions with the time given. Maybe one of these things for the project but not everything

- **Plan for coming week**
    - Continue work on suturing and cutting
    - Continue to make more realistic fluids

- **Summary of weekly advisor meeting**
    - Discussed the possibility of switching to a newly designed eye that may be easier to work on
    - Explained problems with cutting and suturing and was given suggestions on what to change