Cpre 492 BIWEEKLY REPORT 7

April 7 2018–

April 20 2018

Group number: 2

Project title: Augmented Reality Mechanical Design Solution

Client: Ms. Deeksha Juneja

Advisor: Dr. Thomas Daniels

Team Members/Role: Bhimesh Chauhan
Cal Vert Wong
Ryan Luckinbill
Vaibhav Malhotra
Lucas Ince

o **Biweekly Summary**

Working on integrating the Android application, Web application and the AWS database together. Many testing are being done and we are trying to get the final product as good as possible. Working on the poster and final report as well as required in the syllabus.

o **Pending issues (if applicable)**

The model rendered on the mobile device is not good enough and it is still buggy. More attention towards it is required in order to fix the bugs.

Individual contributions

NAME	Individual Contributions	Hours for two week	HOURS cumulative
Bhimesh Chauhan	Working on the final poster and integrating the Android application, Web application, and AWS database together. Worked on migration of new version of OpenGLes for device support	30	114
Cal Vert Wong	Find out how to integrate AWS authentication to the Android application. Testing code to see if any better Android UI that can be implemented at the last moment. Worked on the poster.	25	109
Ryan Luckinbill	Working on the final report, web application's web page design, and the AWS database migration. Worked on creating templates for each datatype, pulling information from the database for each of these aspects and allowing information to be pushed to the database from the website.	30	114
Vaibhav Malhotra	Working on integrating the CAD parser with the augmented reality displayer. Fixing bugs that misplaces the CAD model in front of the camera.	30	114
Lucas Ince	Working on migrating the AWS server and making sure the server is ready to go. Working with Ryan on creating templates, pulling and pushing information to the database from the website	30	114

o **Comments and extended discussion**

The CAD model is not being placed properly in front of the camera and we are still trying to look for the bugs and fix them. Since we are not used to the AWS server, we are trying to do so and with the limited trial period, it is not making our work easier.

- **Plan for coming week**

  Finalizing our end product and prepare for the presentation.

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

  Not applicable