Cpre 492 BIWEEKLY REPORT 2

Jan 27 2018– Feb 9 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**

All team members were doing researches on APIs that are potentially useful to the project. All team members started some coding to test the APIs and building the apps.

o **Pending issues (if applicable)**

Not applicable at the moment

o **Individual contributions**

NAME	Individual Contributions	Hours this week	HOURS cumulative
Bhimesh Chauhan	Creating graphical models with an API found on github and openGL for the android application and also trying to make them interactive with users. Will merge the models rendering code to the android skeleton code.	8	16
Cal Vert Wong	Started coding for the android application and learning how to implement the Stripe API for the payment page. Created the skeleton code for the whole android application	8	16
Ryan Luckinbill	Learning AWS (Amazon Web Service) for our web application	8	16
Vaibhav Malhotra	Researched on android 3D model viewer and libraries that can load 3D file formats into one unified and clean data structure.	8	16
Lucas Ince	Learning AWS (Amazon Web Service) for our web application	8	16

o **Comments and extended discussion**

Everyone is working on programming and building the web and android application. Everyone will keep exploring to make the project successful.

o **Plan for coming week**

NAME	Individual Contributions
Bhimesh Chauhan	Merge code to the skeleton ones. Will work on the model rendering part and the login page
Cal Vert Wong	To complete the implementation of Stripe API to the app and some other app pages.
Ryan Luckinbill	Explore more on AWS (Amazon Web Service) for our web application and do testing on it. Build the web pages for our web application with Lucas Ince.
Vaibhav Malhotra	Keep researching on android 3D model viewer and libraries that can load 3D file formats into one unified and clean data structure. Will add a homepage for the android application
Lucas Ince	Learning AWS (Amazon Web Service) for our web application and build web pages with Ryan Luckinbill.
All members	Meet with our new adviser

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

Not applicable