
Cpre 492 BIWEEKLY REPORT 5

March 10 2018–

March 23 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

○ **Biweekly Summary**

Working on developing CAD model views of AR and VR mode.

Making sure the databases are working.

○ **Pending issues (if applicable)**

CAD models are being re-rendered and they should be in static mode.

Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours for two week</u>	<u>HOURS cumulative</u>
Bhimesh Chauhan	Modularize individual parts of a CAD model and able to view them on long press. Implemented AR and VR mode and able to see the CAD measurement on the sides.	20	64
Cal Vert Wong	Working on the android app UI	20	64
Ryan Luckinbill	Created SQL table for data. Experimenting the SQL tables and entries	20	64
Vaibhav Malhotra	Worked on overlaying the CAD model and snap the model to the surface of the camera using openCV and OpenGL	20	64
Lucas Ince	Created SQL table for data. Experimenting the SQL tables and entries as well	20	64

- **Comments and extended discussion**

Everyone is working on programming and building the web and android application.

- **Plan for coming week**

Continue with our tasks.

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

Not applicable