

MEMORANDUM

To: Prof. Becky Marchant

From: River Schenck

Subject: Personal progress on the Recommendation Report Project

Date: 27 July 2018

The purpose of this memo is to present both my progress on the group Recommendation Report and my roles in the future to help complete the report.

Summary

Our groups recommendation report project is to determine the best 3D printer to print miniatures for under \$2,000. Our specific client wants to have a detailed 3D printer that is user friendly. Our research has outlined 3 different 3D printers that fit the criteria needed. Each 3D printer fits our client's criteria. The printers range in quality from 400 microns (average) to 50 microns (excellent). My contributions to the report have been doing research specifically about which 3D printer is the fastest and most popular. I am also contributing by doing task 1 "Acquire a basic understanding of 3D printers use by hobbyists" and task 5 "Analyze and prepare data for recommendation project" for our research methods and results sections.

Discussion

Our report seeks to enlighten our client about which 3D printer would benefit her most. Our client made clear that she had a few preferences. She wants the 3D printer to be less than \$2,000, have the ability to print miniatures, have detailed print, and be user friendly. My research was primarily to find which printers are the fastest and most popular. A roadblock was comparing the speed of printers. There is not a standard way to measure the speed of a 3D printer.

Some other research I have done includes searching reviews for quality. Using reviews is a good way to find unbiased opinions on the products. I looked through many reviews to make sure that the printers were user friendly and good quality. Using Fakespot.com, I was able to find real and accurate reviews on the products. After weeding out the fake reviews I was able to see people's reactions and impressions of the products.

I have drafted what I learned from my research, adding it to our "3D printer research" document. This information will later be used to write the "Research methods" and "Results" sections of my groups recommendation report draft.

Our group has been very effective and efficient collecting research for this project. Both Andy Mcrae and Bo Yu have put in much work. One of the difficulties of this project has been the language barrier between Bo Yu and the rest of the group. For a second language, Bo has very good English. Every now and then he will try to explain something to Andy Mcrae and myself, but the message is unclear. It takes a few minutes to dig deeper into what he is trying to explain. Our group has weekly meetings and everybody shows up ready to put in work.

Conclusion

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There are still many things that our group needs to finish up for our recommendation report. I plan on researching more in depth on our 3D printer options. I will keep in contact with the members of my group through our group text every Wednesday and Thursday. I will also be prepared for our video calls every Sunday evening at 7:00. My major roles in the "Research Methods" and "Results" sections will be drafted by Saturday night.