EE/CprE/SE 491 WEEKLY REPORT 4

2/14 – 2/20 Group number: 03

Project title: Minecraft Mods

Client &/Advisor: Dr. Daniels

Team Members/Role:

William Lavelle - Leader

Nicaela Rose - Continued research, looking into security aspects

Zhihao Liu - Doing research

Jacob Kelderman - Meeting Minutes Recorder, Doing research

Eric Kirch - Researching Legal/Licensing aspects

- ○ **Weekly Summary**
  Met with our advisor to go over the project for the first time. We need to meet with FFA on campus, as well as diagram our system for when we start the development of our product. We have much to figure out, and have slowly been progressing with it. We need to have a good understanding of what tool we're going to use as a base, as well as the diagram done in two to three weeks.

- ○ **Past week accomplishments**
  - Nicaela Rose - Researched more information about Minetest including the mods they currently have and taking notes on which ones are relevant towards our project and brainstorming other objects/features we may need that are not offered in the current mods offered.
  - Eric Kirch - Worked on the website, as well as diagraming some use-case diagrams in class and a lightning talk script
  - William Lavelle - Downloaded Minetest and used it for a while to see if it is a base to develop off of. Diagrammed potential users of our product.
  - Zhihao Liu - Researched about Minetest and mods, looked for other similar resources, and worked on lightning talk and website.
  - Jacob Kelderman - Tested minetest and looked at other possible games to use as a substitute for minecraft. Recorded video for lightning talk.

- ○ **Pending issues**

*Exact software that will be used has not been decided on

Individual contributions

NAME	Individual Contributions *(Quick list of contributions. This should be short.)*	Hours this week	HOURS cumulative
William Lavelle	Downloaded Minetest and used it for a while to see if it is a base to develop off of. Diagrammed potential users of our product.	1.5	5.5
Nicaela Rose	Worked with the group on Report 4, the team website, and the elevator pitch. Continued to search for other open source games but mainly focused on Minetest and the mods it has	1	5
Jacob Kelderman	Worked on report 4, continued research on minetest capabilities	1	5
Zhihao Liu	Worked on elevator pitch, website, and report.	1	5
Eric Kirch	Worked on team website as well as report and elevator pitch	1.5	6

- **Comments and extended discussion** *(Optional)*

- **Plans for the upcoming week** *(Please describe duties for the upcoming week for each member. What is(are) the task(s)? Who will contribute to it? Be as concise as possible.)*
  - Nicaela Rose - Will start to research security aspects towards the project. This includes the open source game, 5G, wireless systems, and rural broadband. Some information I will be looking for specifically is securing the network.
  - Eric Kirch - Do research on licensing for both Minecraft, as well as Minetest, the free open source alternative that we've started to lean towards.
  - William Lavelle - Move to-do list over to Gitlab Issues. Test out other open-source games.
  - Zhihao Liu - Do more research on Minetest, learn more about building mods and wireless systems.
  - Jacob Kelderman - Will do research on lua and Minetest modding capabilities, will also come up with rough list of features to be implemented in the mod

- **<u>Summary of weekly advisor meeting</u>** (*If applicable/optional*)

  2/22 Meeting Notes

  -We need to figure out our users more

  -Talk to FAA on campus

  -Need to start better diagraming our system

  -What is the intention of using the simulator

  -Figure out LUA and Minetest

  --What we need to make, and how to go about coding it

  --What will the world/environment be like

  **NEED TO HAVE STUFF FIGURED OUT IN 2-3 WEEKS