Project Notes

Thomas Mcloughlin - 100203952

02 / 10 / 2020

Introduction

This notebook will serve as a reference for all activites related to the completion of my project. I will separate each entry by week, listing and describing everything I did that week and how it will help my project progress.

Week 1, 28th Sept - 4th Oct

This week I was introduced to the expectations for the project. I have started by scheduling a meeting with Stephen Laycock, my supervisor, and starting off my project proposal by doing some market research of similar software and reading some papers covering the subject of constructing trees using algorithms.
I have not yet decided any approach for the project due to being unsure what kind of aims I should be making, after my meeting with Stephen on the 5th I will hopefully know what route to be going down for the project.

Week 2, 5th Oct - 11th Oct

After my meeting with Stephen on the 5th I am more aware of what direction I will be taking the project. I will be creating an OpenGL module that can be added into a project to allow for the construction of trees in whatever environment the user has created. There are many avenues of complexity I can go down but at the moment I have decided that my focus will be to have the branch creation be as realistic as possible and hopefully include some sort of obstacle avoidance system wherever the tree grows. I have scheduled another meeting with Stephen for the same time next week on the 12th where we have agreed I should have completed the project proposal for review.

Nearing the end of the week I have completed my project proposal and sent it to Stephen for him to review and discuss in our meeting on the 12th. I have fleshed out more of my thoughts towards how I should approach the project.

Week 3, 12th Oct - 18th Oct

During this weeks meeting with Stephen he provided me with feedback on my project proposal and we discussed moving on to the literature review. His comments about the proposal were very useful and his advice for the literature review has helped me understand the structure that I should use when writing it. I will be focusing on bringing together and comparing the content of multiple papers with respect to specific parts of my project such as tree branch construction or leaf placement etc.