Project Title:

Touch Based Ant Simluator

Tagline:

Controling Ants with the tip of your finger.

Team:

Aaron, Aaron, Aaron

Description:

An ant simulat programmed in C++ for android. You will be able to change the environment the ants are in by using your fingers and the user interface on the device. The program will simulate individual ants, other creatures, water, sources of food, and plants. The user will be able to send specific ants to go to certain places on the map. There will be many levels in the game, they will represent different heights in the ant tank. There will be different kinds of ants which have different needs and specialize in different tasks. If there is extra time left at the end of the five weeks, work will begin on npc ants, or ants that the player cannot control and will compete witht the player for resources.

Target User:

Someone who remembers Sim Ant and wants to be able to play a similar game on mobile.

Major Classes:

Ant, World, Touch Screen, Save file system, AI, Grpahics

Project Plan:

May 12th: Project Proposal

May 29th: Project Update

June 5th: Project Poster

June 13th: Final Submission