MicroRTS

Checkpoint 4

Progress

Matthew - Continued refining bot including changes to the ranged unit retreat code and simplifying code in other parts. Also setup the GUI to work with our bots for the demo.

Akshay- working on a defensive bot, fixing bugs and adding functionality for resource management, mostly taking inspiration from MINS bot (our initial bot). Added resource management and barrack management with implementation for light and heavy unit, having problem with patrol functionality for light units sometimes as they will just stop moving or the bot crashes. Hoping to fix and have the bot completely ready by final presentation but I think my strategy is not the best for some of the map layouts and mayari bot wins almost all of the times I have tried it setting up against it.

Ilias - developing a bot that combines the ideas of our initial bot and LightRush AI. The idea is to quickly deploy heavy units by building barracks quickly and not spawning too many workers. The main attackers in my bot implementation are heavy units. As soon as each heavy unit is produced, they head to the opponent's territory and attack the nearest units. My bot struggles with playing against WorkerRush and Mayari but effective against few other weak bots.

Demo

Additional Items for Grading

Meeting Attendance Sheet

Nov- 7 - all members attended -shay (absent,work emergency)

Nov-16 - all members attended

Matthew Berry

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Contributions:

https://github.com/OU-CS3560/microrts-f23/commit/5152158feba444adde4b28b075fe004a19c733a8

Setup GUI for demo

Akshay Patel

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Contributions:
https://github.com/OU-CS3560/microrts-f23/commit/b83461c92ec606495526cce1510fa413d4b8e44c

Ilias Baktybek

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Contributions: added my new bot and fixed a couple of details in the implementation

Update and rename MadCircles.java to IliasAI.java · OU-CS3560/microrts-f23@bef42ed (github.com)

Update IliasAI.java · OU-CS3560/microrts-f23@74f0404 (github.com)

Miguel Quemado

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Contributions: