COMPUTER SYSTEMS RESEARCH

Code Writeup of your program, example report form 2009-2010

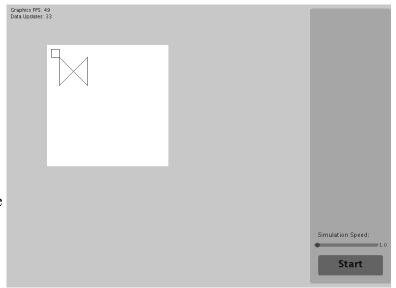
| 1 | Your name: | Tyle | er Haines . | Period: | 5 |
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- 2. Date of this version of your program: October 28, 2009
- 3. Project title: Modeling the Spread of a Virus in a Modern Environment
- 4. Describe how your program runs as of this version. Include
 - -- files that may be needed
 - -- algorithms, specific procedures or methods you wrote
 - -- kinds of input your program uses
 - -- screenshots, what kinds of output does your program have
 - -- does your program handle errors, or does it crash on errors of input?
 - -- tests: summarize the basic analysis and testing of this version of your program

The current version of my project is basically one large shell for my project. It is a GUI interface with a map system and an implementation of Python. It still needs all the large guts of

my project, mainly the pathing AI, people, and the virus. The project itself does not take any type of user input, besides maps and starting options. Because it is a simulation, it mainly runs on its own with no user input.

For the pathing AI, I am looking at needing a couple of files. Person java will be a person walking through the building. The Person class is the Java class that will interface with the Python AI script. The Python file will be something like PathingAI.py.



5. What do you expect to work on next quarter, in relation to the goal of your project for the year?

Next quarter, I am going to focus strongly on the development of the pathing AI and getting the units to move through a basic building. This will be the largest part of the project, most likely continuing into part of third quarter.