

Department of Computer Science

() Student: Harrison Cooper, , Cohort: I3int, Session: 1718
Title: DCW-UG-6 Development of an agent-based model capturing cellular interactions associated with heart attack
Marker: R.Clayton

Amount of work completed
The student has made excellent progress in understanding the background biology, and has thought carefully about the computational implementation.
Analysis
The analysis this thorough, with a good discussion of the potential risks to the project. There is a clear list of requirements, with some initial ideas about testing. I was pleased to see that some thought has been given to the limitations of the the model.
Time Plan
There is a comprehensive and detailed time plan.
Literature Survey or Background Information
The literature survey is well written, and demonstrates a good grasp not only of the biology but how it could be represented in a model.
Report Presentation
The structure and quality of the writing is excellent.
General comments
This is a well written and comprehensive report, which demonstrates not only a good understanding of the project background but also provides evidence of some initial computational experiments. The quality of the work so far is excellent, and if this continues then the project will deserve a first class mark. I would like to have seen more specific aims and objectives, and this is an area that could be improved for the final report.