



University
of Windsor
Faculty of Science

COMP 3710 - Artificial Intelligence Concepts
University of Windsor, School of Computer Science
Project Phase 2- Group Work
Weightage: 20%

The goal of this project is to develop knowledge on AI technology. You have to propose a project based on the Agent based model. The project needs to be developed by a group of 4 students. Each group must choose a unique agent model. A report should be generated by each team to document their research, critical comparison, analysis, and their new ideas.

How to submit

Submit your word file and your model in Brightspace, on the due date. One submission per group.

You should submit your whole project file as a zip file of report plus code.

Note: Please make sure to add below statement to each of your reports

CONFIDENTIALITY AGREEMENT & STATEMENT OF HONESTY

I confirm that I will keep the content of this assignment confidential.

I confirm that I have not received any unauthorized assistance in preparing for or doing this assignment. I confirm knowing that a mark of 0 may be assigned for copied work.

Student Signature

Student Name (please print)

Phase -2 (8 pages maximum (excluding title page); using font-size: 11; line spacing: 1.15)

Submission deadline: **Sun, March 31 [11:59 PM], Weightage:20%**

1. Revised Phase-1

Revised abstract, introduction and background work.

Revised abstract should be a “preview” the bigger document. This helps readers find what they’re looking for and understand the magnitude of what’s discussed. Typically, 100–200 words, it summarizes the main idea of the project and its contributions. It must include problem definition, motivation of the problem, essential characteristics of the study methodology, results, conclusions and implications or applications.

2. Illustration / Figure

A figure or a diagram that illustrates the typical environment of agent of your model (Structure of typical agent- based model). Other relevant images from your simulation model (overall framework as a screenshot, graphical representations etc.).

3. Simulation details

Experimental setup and methodology. Describe the data you used in your ABMS. Explain the platform that you used to model your problem. What programming language? State any special libraries and it’s important that you used. Explain the functionality of each parameter in your model. Explain all required constraints on parameters to implement the simulation.

4. Discussion

Discuss your observations. Do you think your model is performing well? Why or why not? What is unusual, surprising, or interesting about your model? What did you learn? Concluding remarks with a brief future work section.

Presentations

You will be required to present each phase of your project.

- Each team will have 8 minutes to deliver the presentation
- Record your team giving this presentation – consider transitions between speakers, slides, overall organization of the presentation, and persuasion.
- Submit the shareable link and the PPT slides for this presentation into the appropriate Brightspace submission portal by the due date.
- You may use any video conference/recording platform you prefer but ensure that you submit only the LINK to your video and the file that contains the slides. **However, you will receive presentation grades only after question/ answer session with a TA/GA.**
- In-text citations and references must be included using IEEE style:
 - o Note that all text and graphics require citations and references.
 - o Graphics require labels that include the graphic number (e.g., Figure 1), description

that can be read by a screen-reader, and citation that corresponds to a full reference entry in the references list at the end.

- The rubric for this assignment can be found in the Brightspace submission portal.

Tips

- Remember that a presentation is a type of rhetorical situation and requires that you consider the audience, content, and your credibility as the “authors”
- Organize your content and speakers in a pattern that is logical (e.g., introduction comes first, conclusion and references are last, etc.)
- All team members should speak for approximately the same amount of time and should be clear, articulate, and professional.
- Practice! Practice! Practice!