

# Template of Final Report NDVW <sup>1</sup>

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## 1. Introduction

Section to be completed during Sprint 1: see CV task Sprint 1.

You can focus the project either as a game/VW with a user/player who interacts with the agents and the environment, or more like a simulation (without user/player) in which agents interact each other and with the environment. Describe here briefly the setting of your game/simulation: landscape, characters, objects, locations (house, cave, ...) of game agents activities, player's goal.

Game/VW:

- Intro
- Scenario
- Game/VW Agent/s (GA) You should propose the behavior of one or two game agents. The agent should make use of senses (see, touch, smell...), movement, even you can make use of communication between agents. Agents can also have state variables that change and affect either its own behavior or other agents' behavior. In the following items, describe the expected behavior of each game agent.
- Behaviour of GA (textual description, GA black box)
- Behaviour of GA ...

Which AI approach have you selected to design GA behaviour?

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<sup>1</sup>1) See appendix. 2) Report's license CC, Software's license: GPL, PLEASE add here url with source code or demo of the project

## 2. Related work

To be completed with the games that use similar approaches (included also in the oral presentation)

## 3. Proposal

### 3.1. *AI Design*

Details of the AI Design of the proposed behaviour (to be done in sprint 1)

### 3.2. *Software architecture*

(to be done between sprint 2 and 3)

### 3.3. *Another section with details...*

## 4. Simulations and Results

(to be done between sprint 3 and the final upload in january)

### 4.1. *Methodology*

Details of the Unity scene, characters, animations, used assets

### 4.2. *Results*

Screenshots and links to video (to be included just before or after Christmas)

Benchmarks

Treatments	Response 1	Response 2
Treatment 1	0.0003262	0.562
Treatment 2	0.0015681	0.910
Treatment 3	0.0009271	0.296

Table 1: Table caption

## 5. Conclusions and Future work

Give your conclusions and ideas for future work.



Figure 1: Figure caption

## **Appendix A. Sprint 1, oct. 23rd, 2023**

### *Appendix A.1. Planned tasks*

Describe planned tasks and who is the responsible of each task

### *Appendix A.2. Work Done*

Describe each task and who did it

### *Appendix A.3. Work in progress*

Explain tasks in progress

## **Appendix B. Sprint 2, nov. 20th, 2023**

### *Appendix B.1. Planned tasks*

Describe planned tasks and who is the responsible of each task

### *Appendix B.2. Work Done*

Describe each task and who did it

### *Appendix B.3. Work in progress*

Explain tasks in progress

## **Appendix C. Sprint 3, dec. 18th, 2023**

### *Appendix C.1. Planned tasks*

Describe planned tasks and who is the responsible of each task

### *Appendix C.2. Work Done*

Describe each task and who did it

### *Appendix C.3. Work in progress*

Explain tasks in progress