

In this assignment, I used a generative AI tool (ChatGPT, GPT-5) in a guided way as allowed by the task guidelines. The tool was used to help me reason about certain design and implementation decisions, but the final code and documentation were written, reviewed, and tested by me.

Specifically, AI was used to:

- Discuss different approaches for implementing the "follow owner" mechanic, where tamed animals move towards the Explorer's position. The tool helped me refine the logic for choosing the best exit based on Manhattan distance.
- Explore alternatives to using instanceof checks in the taming and behavior system. The tool provided explanations on applying polymorphism, role-based interfaces, and behaviour patterns to reduce coupling and improve adherence to SOLID principles.
- Paraphrasing and clarity improvement: I used AI to paraphrase sentences in the design rationale to make the wording clearer, reduce repetitiveness, and improve flow. The ideas and arguments still came from me, but AI helped polish the language.

The assistance was limited to guided brainstorming and refactoring ideas. All design diagrams, rationale writing, and final implementation were completed and validated by me.