

KING'S COLLEGE LONDON

4CCS1PPA PROGRAMMING PRACTICE AND APPLICATIONS

Third "Simulation" Coursework (Feb 2024)

Project Name: The Simulation

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1 Introduction

Add weather:

Add disease:

2 Tasks Lists and Implementation Details

2.1 Base Tasks

At least five different kinds of acting species: Something something.

At least two predators should compete for the same food source: Something something.

Species should distinguish male and female individuals:

Time of day should be kept track of:

2.2 Challenge Tasks

Add plants:

3 Code Quality Considerations

3.1 Coupling

3.2 Cohesion

3.3 Responsibility-Driven Design

3.4 Maintainability

4 Final Remarks