# INF200 Simulation Project in Advanced Programming





Modelling the Ecosystem of Rossumøya

By: Ivan Cherednikov, ivch@nmbu.no 2020.01.24

### **Objectives**

#### Develop a program

Develop a program for the simulation of population dynamics on Rossumøya

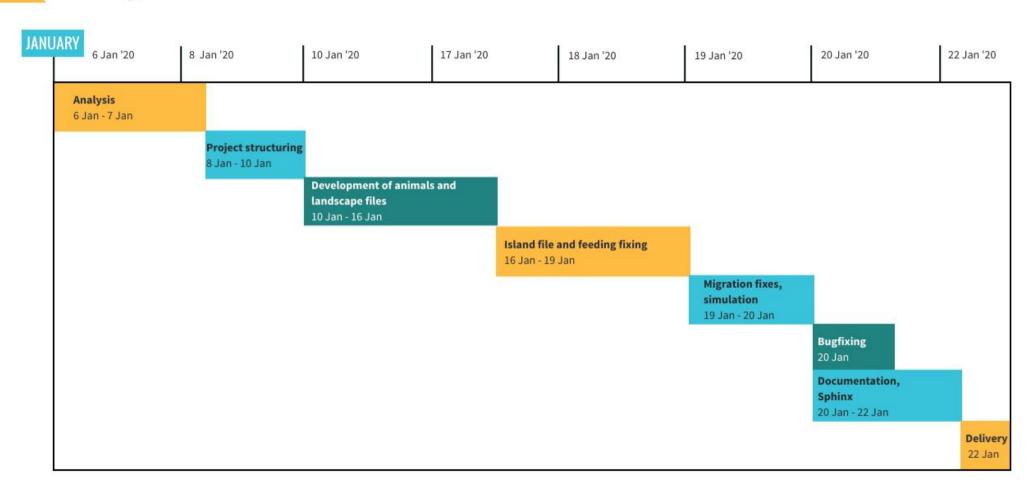
#### Document

Provide full documentation for you work throughout the development process

#### Visualize

Visualize your population dynamics simulation with an animated interactive plot

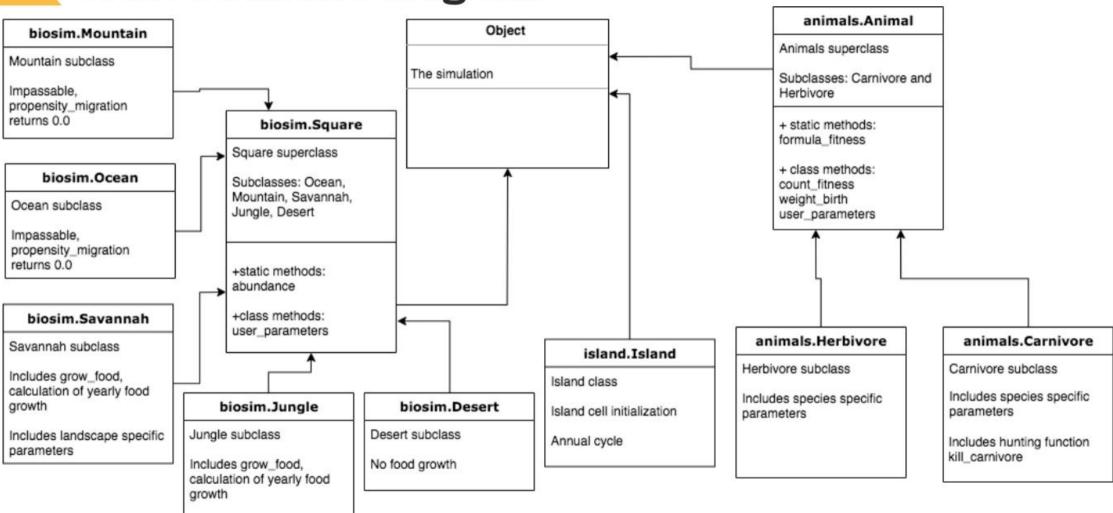
## **Project timeline**



## Class structure diagram

Includes landscape specific

parameters



## **Limitiations & improvements**

 Time was my main limitation, did not have enough time to do everything

## **THANK YOU**

for watching