DOCUMENT PLAN

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Abstract

In this document we will shortly describe which student will be doing what, regarding the leftover assignments for the bachelor thesis.

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1 introduction

This document will give a brief description on how we plane to distribute the different assignments, regarding all the assignments that had to be done, and need to be done during this project. The related tests and comments will all be writen by the same student who wrote the code itself.

2 Simulation Paper

For the simulation paper, we had the following assignment distribution, and we chose to maintain this distribution for the reevaluation of the paper. Furthermore we will be writing the corresponding entry in the simulation paper, as we assume that you will know best what you did and why you did it, if it was your own assignment:

1.1	Stochastic Variation	Evelien and Lars
1.2	Determining an Extinction threshold	Frank Jan
1.3	Estimating the immunity level	Benjamin
1.4	Estimating R0	Benjamin
2.1	Investigating the influence of demography on epidemics	Benjamin
2.2	Vaccinating on campus	Frank Jan
2.3	Is commuting to work important for disease spread	Lars
3	Performance profiling of sequential code	Evelien

Table 1: distribution of assignments for the Simulation assignment.

3 Simulator Paper

For the simulator paper, we distributed the assignments as described in the table below, we also chose to distribute the commenting and writing of tests to the person who made the assignment, as this person is most likely more knowledgeable in the weaknesses of his or her code and will most likely know best which segment does what. We do however intend to look at each others code, even though it might not be our assignment, in order to see whether there are any oversights.

1.2.1	Daycare & PreSchool	Benjamin
1.2.2	Data formats: json: geogrid	Evelien and Lars
1.2.2	Data formats: json: household	Evelien
1.2.2	Data formats: hdf5	Benjamin
1.2.3	Data visualisatie	Frank Jan
1.2.3	Data format for visualiser: Proto	Lars
1.2.3	Data format for visualiser: HDF5	Benjamin
1.2.3	Data format for visualiser: JSON	Frank Jan
1.2.4	Demographic profile	Lars
1.2.5	Grootteklasse personeel van bedrijven	Lars
1.2.6	Simulatie voor België	Evelien

Table 2: distribution of assignments for the Simulator assignment.

4 User Manual

Finally, the students who wrote the corresponding code, will write the entry for the user manual. The distribution will be as is listed below.

Data visualisatie	Frank Jan
data formats: json	Evelien and Lars
data formats: hdf5	Benjamin
Demographic Profile	Lars
Grootteklasse personeel van bedrijven	Evelien

Table 3: distribution of assignments for the User Manual.

5 Code Documentation

Every student will write code documentation for their own code, as they have the best view on which segment of the code is written to fulfill which specific query. We will however read and review each others code, to ensure that there are sufficient comments, and that the existing comments are clear.

6 Conclusion

As stated in the tables which were provided within this document, we will evenly distribute the assignments between all participating students. We will all write our own related documentation within the code, and within the user manual. Furthermore, we will also write our own tests since the writers will know best what the weakness of their code will or might be. Finally, every student will review one other student's code, as there are often issues which one might not see by themselves.