

G54SIM 2015-2016 Group Activity

Participation is required for Part 1 of your Individual Coursework

The University of Nottingham (UoN) Strategy Board (SB) has invited several consultancy teams (including your group) to come up with some innovative simulation studies that have the potential to support them in their continuous quest to improve the experience of the students studying at the UoN. The UoN SB is responsible for all UoN national and international campuses.

The aim is to better understand and improve system operations as well as system performance and service quality in a sustainable way. Once a proposed project is of interest to the UoN SB the related consultancy team will be invited to write the full project proposal in collaboration with the UoN SB.



In **Lab 3** your job (as a group) is to identify potential projects. You should look at Google and Google Scholar (<http://scholar.google.co.uk/>) in order to find out how people have used simulation before in the given context. You should aim to find examples for all simulation modelling paradigms (also consider hybrids between paradigms) and label them accordingly. You should also add your own ideas for novel simulation project you think would help the UoN SB in its ongoing quest.

Within the group rank all related projects with potential using objective and subjective measures (you need to come up with these yourself) and identify the project(s) with the best potential to be picked by the UoN SB for further consideration. For the ranking you will have to write down the assumptions you made about the current operability and the problems of UoN SB that you are trying to tackle with your proposed simulation.

In **Lab 4** your job (as a group) is to organise a **Focus Group** with the relevant stakeholders. Who are they? Once you identified the relevant stakeholders do some role play. Different group members should take on the roles of the different stake holders and then you should conduct some focus group discussions. The output of the focus group discussions should be some clear objectives for the study you want to undertake and what kind of solutions you are having in mind.

In **Lab 5** each group has to come to the Dragons' Den (C60) and present their proposals within a 12 minute presentation slot (including 10 minutes presentation time and 2 minutes for questions and constructive feedback from the other groups).

In your **Individual Coursework** you will have to **reflect on your experience** during the group activity which will contribute 25% to your individual coursework mark. Please be aware that you should attend all three related labs so that you can properly reflect on your experience. **If you are not present at lab 4 and 5 (and have not submitted an ECF) you will not be able to receive any points for this task in your individual coursework.** So please make sure you can attend at least lab 4 and 5.