

## Team Assignment: Usage Model

In class, we discuss how to develop and document usage models. In this assignment, you have to develop a usage model for your project system. The usage model describes the interaction between the system and the actor (user), the steps the user performs and how the system responds to those steps.

For the usage model, please provide an overview diagram of all existing and two future use cases, plus a detailed version of at least three central use cases of the existing OpenMRS system and two use cases that are not implemented yet but would be desirable extensions, each of them including the full information from the template in the lecture slides. The detailed version per use case includes one scenario – first you describe it in the template (as main success scenario with extensions and/or variations), and then you use a message sequence chart to illustrate it.

Please also provide your description of the rationale for your process and results, at least two paragraphs of how you did it and what you found difficult or the most challenging aspect of it.

### Deliverables:

A single pdf file per team should be submitted to via Beachboard in the Dropbox.

### Evaluation:

- Is a use case overview diagram provided that is well structured and includes all important use cases? Does it have a system boundary, an actor outside that boundary, and relations from the actor to all use cases (and labelled extensions where appropriate)?
- Are all use cases that are important for the system depicted in that diagram? Are they structured in a hierarchy (<<extend>>, <<include>>) where appropriate?
- Is a complete and correct description provided for five central use cases in a table (according to the Cockburn template)?
- Is a complete and correct description of the scenarios provided for the five central use cases in one message sequence chart per use case?
- Is a description provided about the rationale and challenges?