

Increments of Oblig2 INF5150 2008

First Increment (to approximately 081006)

Make a system that only does the following service “Set up a community”.

Assume that there is only one user at the time. Identify the user by his telephone number (or other ID given by the SMS received).

The whole system should be defined with only one state machine. The data structures necessary shall reside within that state machine. Make sure that your description has sequence diagrams as well as composite structures and state machine.

Second increment (to approximately 081013)

Add the following services “Register as a member of a community”, “Register a resource in a community”, “Information of a community”.

Assume that there is only one user of the system at any point in time. The whole system should be defined by two state machines – one for the service management and one for the database management. Each service shall be described with a submachine inside the state machine for service management.

Make sure you supply the proper sequence diagrams with decomposition.

Third increment (to 081020)

Add the real meat “add a task type” and “requesting a task”. Make sure the protocol works reasonably for normal situations. Assume that the situation is favorable and that the necessary resources and people will normally be available, but if some resource is not available, you may cancel the whole task execution.

Make sure you have made proper test descriptions for this.

Fourth increment (to 081103)

Add sessions such that there can be several users of the system concurrently.

Fifth increment (to 081117) Final deadline

Describe the last services (which are just administration). Perform clean-up, and robustify.