

## RS2.0 contents

RS2.0 is an extension of RS1.0, includes all previous content and the additions below:

- A table providing a **list of changes** made to the RS as a response to the instructor feedback and the client inspection comments (usually at the beginning of the document)
- **Domain model**, consisting of Entity-Relationship Diagrams, Data Flow Diagrams (levels 0, 1, and 2)
- **Use case model**, including a diagram covering the functionality of the entire system, as well as textual documentation. All use cases that you have identified will need to be documented. A use case documentation template is provided below. You can also use the use case write up tips on connex (uploaded in Lecture Slides -> Week 4).
- **UI model**, consisting of screenshots or any type of preferred mock up representing functionality described in the use case documentation. The UI screenshots need to be traceable to the use case documentation. How to present this? It is recommended that for each use case you write down the documentation first and then put together a storyboard with the corresponding screenshots, captioned to express how they correspond to the use case steps.

## Use Case Documentation Template

**Use Case name** <Usually starts with a verb>

**Description** <Brief description. Usually 2-3 sentences.>

**Actors** <A list of the Actors who participate in this use case>

**Pre-Conditions** <Optional. A list of conditions that must be true before the use case starts>

**Main flow** <Numbered sequence of use case steps under expected conditions of system function>

**Post-Conditions** <Optional. A list of conditions that must be true when the use case ends, no matter which Scenario is executed.>

**Alternative flows** <Alternative sequence of steps as a response to an unexpected or erroneous condition. These are branches of the main flow to handle special conditions. An alternative flow includes an extension point (reference to the step of the Main flow where the sequence of steps diverges) and a sequence of steps instead of the main flow. If applicable, there should be a reference to the step of the Main flow where the alternative sequence of steps converges with the Main flow.>