Exercise 6

Requirements specification (i.e., solution for exercise 5) is the input and target document in this exercise.

Tasks

1. Revise the requirements specification to improve its quality. Apply the quality evaluation questionnaire (could be downloaded from Practical, Exercise 5).
2. Revise the individual requirements by applying the “criteria for good requirements”.
3. Check if all requirements have the fit criteria.
4. Define at least 1 requirement of the following type:
   a. User interface
   b. Hardware interface
   c. Software interface
5. Define at least two requirements of the following types:
   a. Performance
   b. Reliability
   c. Security
   d. Maintainability
   e. Portability
6. Check and refine traceability of requirements
   a. Check if all requirements are traced (their origin explained)
   b. Check if requirements are traceable:
      i. How are they linked with other requirements?
      ii. How are they linked to the created models

Submit: the improved requirements specification.

Bring to the class the filled quality evaluation questionnaires. Let’s discuss how the evaluation have changed during the process

(Total 20 points)

Submit solutions to the tasks using the course submission function no later than 23rd of November (Wednesday). I will not have time to correct your submission, but we will look at it together and it will be the artifact for our discussion.