
Software Engineering

<http://proglang.informatik.uni-freiburg.de/teaching/swt/2005/>

Exercise Sheet 2

Deadline: April 27th, 2005

Exercise 1 – Requirement Specification:

Download the requirement specification from the lecture's homepage. It describes a spreadsheet application. It abstracts over objects, e.g. there is an abstract workspace which is quite similar to a directory in a file system: It may contain other workspaces or basic elements.

A basic element may be a spreadsheet, a query, a view, and so on. These elements may refer to each other.

The specification from the homepage lacks a lot of functions, data information and non-functional requirements. Your task is to fill in the missing parts. Use the overview diagram as a guideline on which functionality is omitted.

Use cases should be of similar detail as the example use cases in the existing specification.

Exercise 2 – Function Points:

After completing the requirement specification, add the complexity to every function and create a spread sheet with an overview over them according to the slides 81 and 82 of the lecture.

You should give **short** explanations why you rated the influence factors the way you did.

Calculate the weighted function points.