

SRS Outline and Evaluation

(Please refer to IEEE 29148, highlighted and commented for the semester project, for explanations.)

Title page		
Table of Contents		
List of Figures		
List of Tables (if any)		
1. Introduction		
1.1 Purpose of the System		
1.2 Scope		
1.3 System Overview [14 pts]		
1.3.1 System Perspective		
<i>Context diagram goes here. Plus, other content as appropriate.</i>		
1.3.2 System Functions		
1.3.3 User Characteristics		
1.3.4 Limitations		
1.4 Definitions (including acronyms and abbreviations)		
2. References		
3. Specific Requirements		
3.1 External Interfaces		
<i>Interface classes go here. Plus, other content as appropriate.</i>		
3.2 Functions [30 pts]		
<i>Use-case diagram goes here. Use-case descriptions follow. Choose the most complex two use-cases. Include sequence diagrams or activity diagrams or state transition diagrams for them. Plus, other content as appropriate.</i>		
3.3 Usability Requirements		
3.4 Performance requirements		
3.5 Logical database requirements [15 pts]		
<i>Key data objects and their major attributes will be described here. Show the class diagram(s). Class dictionary can be omitted.</i>		
3.6 Design constraints		
<i>Specify constraints on the system design imposed by external standards, regulatory requirements, or project limitations.</i>		
3.7 Software system attributes		
Reliability, Availability, Security (including Privacy)		
3.8 Supporting information		
Overall writeup elegance, good engineering decisions [5 pts]		

What is expected for Part 1:

The structure and the format of your SRS document must be complete. All (sub)section titles must be present, although most sections will be empty. Section 1.3.1 will have the context diagram; section 3.2 will have the use-case model. (Note that a use-case model consists of a use-case diagram and the descriptions of the use-cases.)

Use-case description format: Pick and adapt a good format from available examples. A properly extended form of the textbook's format is ok.

What is to be submitted:

I. Zip (1) and (2) below and submit as a single zip file [Group##.zip]

1) Complete SRS document as a pdf file (including diagrams)

2) UML diagrams as separate files. They must be opened by StarUML.

II. Printed copy of your SRS document (1). Bound.

One submission per group.

Submit the zip file to ODTUCLASS. We will announce where to submit the hard copy later.

Grading

SRS part-1 -> 1.3%

Final SRS: Full document -> 11.7%