SDD Outline and Evaluation
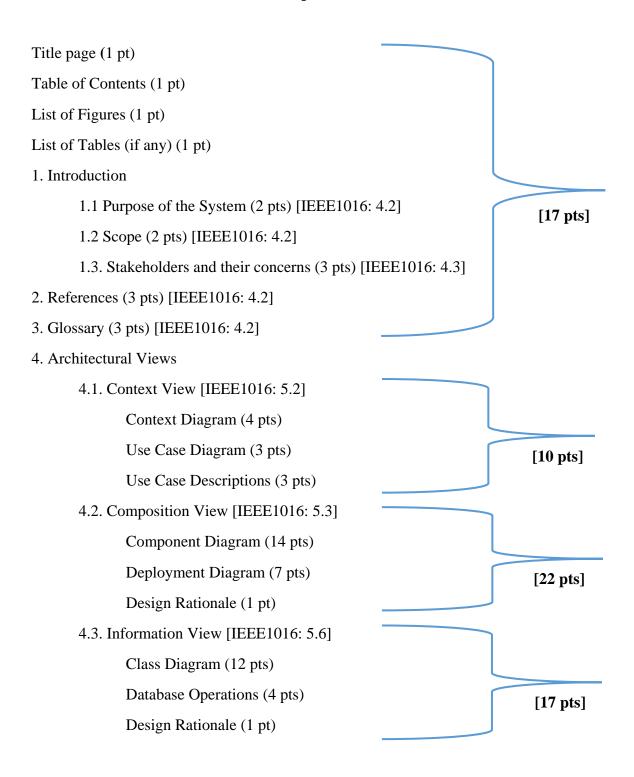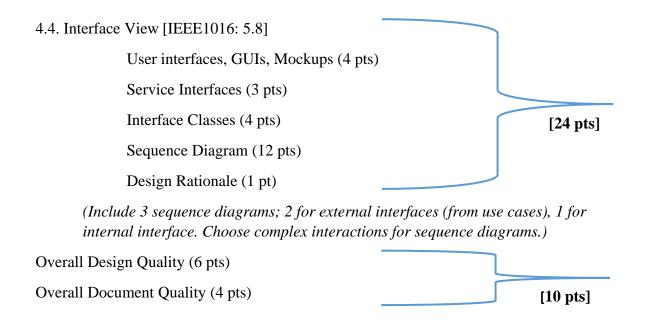
(Please refer to IEEE 1016, highlighted and commented for the Chorus project, for explanations.)

Title page (1 pt)

Table of Contents (1 pt)

List of Figures (1 pt)

List of Tables (if any) (1 pt)

1. Introduction

    1.1 Purpose of the System (2 pts) [IEEE1016: 4.2]

    1.2 Scope (2 pts) [IEEE1016: 4.2]

    1.3. Stakeholders and their concerns (3 pts) [IEEE1016: 4.3]

2. References (3 pts) [IEEE1016: 4.2]

3. Glossary (3 pts) [IEEE1016: 4.2]

[17 pts]

4. Architectural Views

    4.1. Context View [IEEE1016: 5.2]

        Context Diagram (4 pts)

        Use Case Diagram (3 pts)

        Use Case Descriptions (3 pts)

[10 pts]

    4.2. Composition View [IEEE1016: 5.3]

        Component Diagram (14 pts)

        Deployment Diagram (7 pts)

        Design Rationale (1 pt)

[22 pts]

    4.3. Information View [IEEE1016: 5.6]

        Class Diagram (12 pts)

        Database Operations (4 pts)

        Design Rationale (1 pt)

[17 pts]

4.4. Interface View [IEEE1016: 5.8]

>   User interfaces, GUIs, Mockups (4 pts)
>
>   Service Interfaces (3 pts)
>
>   Interface Classes (4 pts)
>
>   Sequence Diagram (12 pts)
>
>   Design Rationale (1 pt)

[24 pts]

> *(Include 3 sequence diagrams; 2 for external interfaces (from use cases), 1 for internal interface. Choose complex interactions for sequence diagrams.)*

Overall Design Quality (6 pts)

Overall Document Quality (4 pts)

[10 pts]

* Please note that *Design Rationale* is not a separate section. Include at least one non-trivial rationale in each view (except for the context view) stated in terms of the elements presented in that view.

What is expected for Part1:

The structure and format of your SDD document must be complete. All (sub)section titles must be present, although most sections will be empty. You will provide section 4.2 Composition View [IEEE1016: 5.3] completely, including Component and Deployment diagrams and Design Rationale.

What is to be submitted:

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

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

2) UML diagrams as separate files.

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

One submission per group.

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

Grading

SDD part-1 -> 1.7%

Final SDD: Full document -> 15.3%