CS 40700: Design Document Grading Rubric

1 Purpose (0.5 points)

(a) Briefly explain the system you are designing and its purpose.

2 Design Outline (3.0 points)

(a) Outline your design decisions (for example client-server model), identify the components of your system, and describe the purpose of each component.

(b) Describe the interactions between individual system components.

(c) Include at least one UML diagram that clearly shows high-level structure of your system.

3 Design Issues (2.0 points)

(a) Ensure you spend enough time thinking about the design issues. Only one or two design issues will not be sufficient to get full credit.

(b) Each design issue requires descriptive title, solution options for the issue, and justification of your choice.

(c) You may divide this section into two subsections, Functional Issues and Non-Functional Issues.

4 Design Details (7.5 points)

(a) Include class level design of the system (i.e. class diagrams) and be as detailed as you can.

(b) Describe the classes and interactions between the classes.

(c) Add sequence diagrams for different activities in the system, which will be helpful at the later stages of your project.

(d) If necessary, try to also include activity diagrams (or state diagrams) and UI mockups.

5 Overall Organization (1.0 points)

(a) Styling, clarity, right information in the right section, etc.

(b) Please make sure to include your project name, team number and the names of all your team members.

Total: 14 points (14% of your project grade)