Software Design Specification

for

<Project>

Version <X.X>

Prepared by

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| Course Instructor: | <place your instructor’s name here> |
| Course: | COMP2140 – Introduction to Software Engineering |
| Studio Facilitator: | <place your Tutor’s name here> |
| Date: | <place the date of submission here> |

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1.0 Project Overview  
Describe the client, the problem to be solved, and the intended users. Explain the context in which your software will be used, i.e. the big picture. (1 – 3 paragraphs). THIS SECTION SHOULD REFLECT SOME INFORMATION FROM THE SRS.

## 2.0 Architectural Design

Overview of the system architecture: describe the pattern used and give details of the components.

2.1 General Constraints

Describe global limitations or constraints that have a significant impact on your system design. Examples include hardware and software environments, interface requirements, external data representations, performance requirements, network requirements, etc. (1 – 3 paragraphs)

### 2.2 System Architecture Diagram

Diagram here

2.3 Alternatives Considered

Discuss at least 1 alternative architectural PATTERN/MODEL considered and explain why it/they were not as appropriate as the one chosen. (1 – 4 paragraphs)

2.4 Architecture Justification

Give justification for the architecture presented

## 3.0 Class Diagram / Structure Diagram

Diagram here

### 3.1 Design Notes

Provide notes for each class / module, discuss assumptions and justify the diagram design/organization