Design Document

CS 4321 - Software Engineering 1

Group Name [Group Logo]

Group Member Names

Date

* *[Remove before submission] The audience for this document is a project manager and developers. You can assume these people have access to the other documents your team has produced. This document is a blueprint for the software that will be developed. This document asks for explanation in all sections. You should keep your audience in mind. Thus, supply the information that a developer needs to know to implement your design. As you reread your document, approach it as an outsider who doesn’t know what you know about the project – could they build the software you describe in this document with minimal outside input from you? You don’t need to nail every single detail down, but on the other hand, the more you do nail down correctly the quicker and more hassle free your development will be.*

1. **Development Technology**

* *[Remove before submission] Describe the language, platform, etc. that you will use and why you choose it.*

1. **Architectural Design**

* *[Remove before submission] The architecture provides the high-level design view of a system and provides a basis for more detailed design work. This section should provide and describe a diagram(s) that shows the various components and how they are connected. The conceptual view shows the logical/functional components of the system, where each component represents a cluster of related functionality.*

1. **Low Level Design**

**2.1 Class Diagrams**

* *[Remove before submission] Describe the low-level design for each of the system components identified in the previous section. For each component, you should provide and describe in detail class diagrams to show its internal static structure. All methods (except getters and setters) and instance variables should be explained.*

**2.2 Sequence Diagrams**

* *[Remove before submission] Show at least three sequence diagrams for three use-cases of your system*

1. **User Interface**

* *Show a design for the specific dialogs required for the system. Describe every figure so that the flow is conveyed. Neat, hand drawn figures are fine.*