1. **Introduction**

This document serves as a guide at which developers and the client can better understand more implementation-oriented subjects in the project. It will outline qualities that we believe are important and how we will measure effectiveness in those areas. It will present a diagram showing the MVC (model view control) architectural system of the application. Next, it will show Use Case, ER, Class, and Interaction diagrams to show how objects are modeled in our system, how they interact, and how the user will interact with them at a high level. Finally, it will provide discussions about how each of the stated requirements are fulfilled by the design of the system.