**Sequence Diagram-Design Class Diagram**

**Version 1.0**

**Project Management App**

**Team A**

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**REVISION HISTORY**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Author | Description | Date |
| 1.0 | Jennifer Li | I created the first draft. | 01/31/16 |
|  |  | Added the Introduction in section 1. | 02/01/16 |
|  |  | Added Sequence Diagram section 2. | 02/02/16 |

**1.0 INTRODUCTION**

This document contains two types of UML diagrams, the sequence diagram and design class diagram. These diagrams are used to describe the characteristics and behavior of objects in a presented scenario. The sequence diagram generally describes the interaction of an illustrated scenario. While, the design class diagram defines the objects and relations in the system. Both of these diagrams will be explained and illustrated in detail in the paragraphs below.

**2.0 SEQUENCE DIAGRAM**

Sequence diagram is a visual representation of how groups of objects collaborate. In the basic sense, sequence diagrams captures the behavior of a single scenario. The diagram will map the order, of how messages logically interact between the actor and the system, with in the specific use case. Order is the key component in this diagram, it maps the use case’s sequence of operation from the beginning to the end.

**2.1 Sequence Diagram Notation**

|  |  |
| --- | --- |
| Notation | Definition |
|  |  |

**2.2 Diagram Drawings**

**3.0 DESIGN CLASS DIAGRAM**

Design class diagrams describe the types of objects in the system with various kinds of relationships. The purpose of the design class diagram is to show the properties and operations of a class with its constraints.

**3.1** **Design Class Diagram Notation**

stuff

The design class diagram notation and definitions are displayed below.

|  |  |
| --- | --- |
| Notation | Definition |
|  |  |
|  |  |

**3.2 Diagram Drawings**

Stuff