

# System Architecture for Quarters

Team 6

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## Revision History

Date	Comments
January 5, 2016	Created first draft.

# 1 Introduction and Overview

## 1.1 Document Structure

This document provides a general overview as to how Quarters was built. Design principles are stated followed by a list of anticipated and unlikely changes. In the Detailed Design document the web application's system architecture is decomposed and the design details explained based on the Software Requirements Specifications (SRS) document. [TEMPLATE??? —CC]

## 1.2 Design Principles

[TBC —CC]. includes a clear statement of what design principle(s) is (are)being used. The web application was designed in a XXX manner. This was to ensure XXX. Decomposition follows the design principle suggested for the design. In many cases the appropriate design principle will be design for change (information hiding). Methodologies include top-down, bottom-up, stepwise refinement, prototyping, modular, or object-oriented.

# 2 Connection between requirements and design

[TBC —CC]. what design decisions needed to be made to realize the requirements for instance, if there are security NFRs, what decision is made on how to do this password protection?

# 3 Anticipated Changes

1. **Design of user interface:** The user interface is expected to change based on feedback from users during usability testing. The interface is expected to change in ways that better support usability principles.
2. **Removal of features:** Some features are expected to be removed based on user feedback. If usability testing indicates that a specific feature would not be utilized then it should be removed.

# 4 Unlikely Changes

1. **Login via social media:** Allows the user to login using accounts from other services such as Facebook, Gmail, Twitter, etc.
2. **Live chat:** A platform for real-time communication between users who are currently logged on to Quarters.

## 5 Decomposition into Components

[TBC —CC].

## 6 Uses hierarchy, or control flow diagram, or inheritance graph

[TBC —CC].