CSc 4350: Software Engineering

Fall 2016

Team Phoenix

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Document #2 — Requirements Elicitation

September 15st, 2016

**Topic Chosen:** Hotel Management System

**Work Schedule Diagram:**

1.0 Introduction

Phoenix Resort Management System (PRMS) is a resort software system that allows employees to facilitate day to day functions to assist the management of the resort.

2.0 Authentication

The PRM shall create functionality that creates employee profiles

The PRMS shall create functionality that logs employee interactions

The PRMS shall create functionality that authenticates the user before allow access to the management software

The PRMS will make the authentication method abide by a 4-digit pin

3.0 Room Module

The PRMS shall create functionality that creates any number of rooms for the hotel.

The room object shall have the following attributes

* Room number
* Floor number
* Is\_smoking

4.0 Reservation Module

The PRMS shall create functionality that creates new reservations for guests.

The PRMS shall create functionality that creates guest profiles

The reservation

1. Problem statement expressed using **"shall"** statements
2. RTM - the first 4 columns
3. Updated WSD showing the group name, members and their assigned roll and the group coordinator.
4. Gantt Chart showing allocation of task up to this point in the project
5. A dictionary explaining terms and computer jargons

A rational for the topic chosen and the requirements and specification given in the problem statement.

Change Log

**Date and Time:** August 30, 2016 — 11:46 PM

**Team member:** Fergus Kelley

**Description:** Initial creation of document

**Version:** 1 — Current version accumulating changes

**Date and Time:** August 31, 2016 — 9:28 PM

**Team member:** Fergus Kelley

**Description:** Corrected misspelling of team name

**Version:** 1 — Current version accumulating changes