

To: Dr. Gene Fisher
From: Michelle Lee & Joey Pini
Date: April 9, 2007
Subject: Senior Project Proposal for HMS: Hotel Management System

Problem Statement

Tourist information centers spend a lot of their time calling hotels to check for availability. Also, many smaller hotels suffer from not being able to advertise their availability to tourist information centers. The Aptos Chamber of Commerce, a tourist information center in Santa Cruz County, currently has no automated system for managing information about hotel availability and must call each hotel individually. They would like a more efficient system to route tourists to local hotels with availability while saving valuable time that could be invested in other community services.

Proposed Solution

The process of finding hotel availability could be automated to save time for both the tourist information center staff and the hotel staff. We propose a system that allows hotel staff to add listings to a central database via a website. The tourist information center staff could then open an application to access the database, and retrieve information about the number of rooms available and their prices.

Scope

We anticipate completing the project by the end of the Fall 2007 quarter. We will do so by meeting the following milestones:

- User-level requirements overview.
- Implementation of the central database.
- Implementation of the website accessed by hotels.
- Implementation of the application accessed by the tourist information center.

Equipment & Facilities

The only additional equipment that we may need is the use of a database server to house the hotel database.

Division of Responsibilities

The project will be split in terms of responsibilities by the website and application features. Michelle will be in charge of the overall design of the website, while Joey will be in charge of the application. However, both team members will have significant roles in both aspects of the project.

Means of Evaluation

Individual contributions to the project will be evaluated based on an overall work breakdown submitted to Professor Fisher with each milestone. This document will list which of the submitted files each team member has worked on.