**Computer Science Project Write-Up**

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# Analysis

## The Problems

Hotels struggle with managing rooms all the time. Some hotels are still on paper based systems, this can fail very quickly if a staff member writes down the incorrect detail or name. This can lead to people being without rooms or people having multiple rooms instead of one.

## Clientele

I will probably make this application for and hotel business, as it’s very applicable to all places that have rooms that need managing.

## Design Specification

The application must be easy to use with multiple features. Depending on how much time I have left, additional features will be added. It must work and function like a normal search system, allow users to add or remove tickets and admins can add records etc.

## Goals

Find rooms based off of party count, beds needed or time of stay.

## Features of my Application

This application will unify various look-ups into a singular method. Secondly the application will have a login system allowing certain users to access certain places depending on their security level.

Allowing users to book rooms and move clients based on their access level.