Hotel Stay Manager

ICS4U1-02 // Michael Ding, Austin Lee, Jeehwan Lee, Brandon Leung

Purpose

The Hotel Stay Manager software is to be used in hotel lobbies or online by guests in order to streamline reservation processes. The guest will be able to book and checkout of the hotel using this program.

General Description

The program will ask users for their name, stay duration, number of guests, and room preferences. The available rooms based on preference will be checked and listed in order to the user. The user will be able to book their room and it will be added to the hotel record. They can also change details of their stay (duration, number of guests, etc.) and also checkout.

Input

The user will be asked if they want to check in, modify details of their stay, or checkout. The user will be prompted for basic personal information, information about their stay, and stay preferences if checking in or modifying details. The user will be asked which room they are checking out of if they select checking out.

Output

The program will output a list of available rooms in order of the best match to the user’s preferences when checking in. The program will output a list of rooms to be checked out from (for the user to select) when checking out.

Schedule

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| **Task** | **Date** |
| Proposal | December 8th, 2015 |
| Design | December 11th, 2015 |
| Program Prototype | December 15th, 2015 |
| Debug | December 16th, 2015 |
| Document Code | December 18th, 2015 |
| Presentation Preparation | January 5th, 2015 |