

Second Iteration Demo

Hotel Management System

Team name: jigsaw

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1. The date and time at which you already completed this demo, and briefly describe any challenges that arose before or during the demo.

12/03/19 4:20 p.m.

challenges:

- (1) Sara finds out that we can add a requirement for a checked-out guest. We need to resolve the confusion on this. Either we should add a requirement for all guests based on their name or we can only add a requirement for the existing guest based on their name and room number.
- (2) We explain our current coverage rate is around 75% due to untestable class in JavaFX. We need to ask the professor how to improve our coverage rate.

2. The specific use cases that were demonstrated, highlighting any changes since the [First Iteration Demo](#).

- (1) As a manager, I want to see the revenue so that I can evaluate the operation status of the hotel. My condition of satisfaction is that I can record daily profits and outputs and visualize our data for analysis and comparison.
- (2) As a front desk, I want to be able to record requirements of customers and add another room service for our customers, so that customers can enjoy room service and hotels can make profits. My condition of satisfaction is that the information can be recorded on the interface.
- (3) As a front desk, I want to be able to recommend restaurants, museums, and other places of interests around our hotel, so that customers can go to desirable places. My condition of satisfaction is that the information should include lists of places according to some criterion.

Changes: we modified one of the user stories in our initial proposal, which is to give direction to guests to a place. The reason is that providing direction is not so useful in practice, since providing direction just by telling the guests is not so useful and guests may have maps in their phone. Instead, we provide more places of interests to the user, such as museums and parks. Therefore, guests will be able to know where to visit our hotel.

3. The specific CI mechanisms that were shown during the demo, including which technology you used.

pre-commit test

unit test

Travis-CI post-commit test

coverall coverage test

These tests are able in our repository and there are links to Travis CI and coverall tests in the README file.

4. A link to the GitHub repository where your entire codebase resides. Tag the revisions that were shown in the demo.

<https://github.com/ChengShen1996/ASE/tree/iteration2-chaiquan>