

A FULL EXPERIENCE
IN A SMALL AND INTIMATE HOTEL
WITH HISTORIC FLAVOR

RED TEAM

Hotel Management Software Development Project

[Deliverable 4: Use Stories]

OCTOBER 19th, 2022



Client Information :

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I. Statement of Prior Work

The work herein is possible in part due cumulative learning assignments and projects undertaken in the past, as part of the team's Software Development curriculum. As such, some of the ideas or technical skills used in this project originate partially from prior work. The table below lists past projects undertaken by members of the Red Team, which may contribute in part to elements found in the scope of this project.

Past Projects	Tools Used	Contributor(s)
Mock-ups for personal websites, Application Dev 1	Adobe Photoshop, Cava, Figma	All membres
Simulation Program	Java and Java Swing	Chi-Tao Li
Car Rental System	MS SQL Server	All members
Inventory Management System	Apache Derby Database, Java, and Java Swing	Patrick Larocque
Issue Tacker	C#, Google API, .NET, Firebase	Patrick Larocque
Added Prior Works used for this deliverable	Tools Used	Contributor(s)
Deliverable 1 Report	MS Word, Instagantt.com (for Gantt Chart)	All members
Deliverable 2 Report	MS Word	All members
Database course	Draw.io, Lucidchart	All members
Deliverable 3 Report	MS Word, Draw.io	All members

II. Introduction

This document is the fourth deliverable in a series of reports aimed at the assessment and diagnosis of business problems affecting Manoir Ramezay. In this deliverable the red team focused on gathering requirements using User Stories, in order to assess the needs of a new information system in collaboration with the client.

III. Executive Overview

The following document outlines the red team's efforts and activities aimed at collecting system requirements for a new information system, designed to solve the business problems that is identified throughout the scope of this project. These requirements were gathered through a series of interviews with Manoir Ramezay. The techniques used to gather system requirements are User Stories. User Stories have the advantage of capturing the client's perspective as they see themselves working with a system that solves their specific needs. Moreover, many of the tasks, actions and features built into the system will be derived from the User Stories that is gathered over the course of this deliverable.

As with previous reports, the reader will find a summary description of the client, Manior Ramezay, as well as a refined statement of their business problems. Next, the reader will find a narrative description of the proposed new information system, in which its aim is to resolve the problems stated in the prior section. The narrative description of the new information system is informed by the User Stories gathered in the proceeding section. Here, the reader will find a list of User Stories gathered and refined by the red team in collaboration with the staff at Manoir Ramezay. Afterwards, the reader will find a User Story map, which serves to illustrate the actions anticipated by users of the system. The User Story map, shown on Appendix 3, maps out the actions possible by both the receptionist (a generic user within the system) and the manager (having privileged/admin access within the system). Lastly, the reader will find a sort of description of the tools used to complete the User Story map.

IV. Summary Description of the Client

Manoir Ramezay is a 3-star hotel located in Marieville purchased by its current owners in 2018. The owners are first time hotel operators and are of Chinese ethnicity. They immigrated from China to Canada with their two children. During the four years they have been operating the hotel, their business has been consistently growing. The hotel offers 9 standard rooms, 5 suites, an event space, a restaurant, which currently operates as a rental kitchen, and a spa/hot-tub area, which also operates as a rental service, due to COVID restrictions. The business has a website, which includes features typical for a hotel business, including a landing page which introduces the hotel along with images of its amenities, pages that describe the services offered. Guests can make a reservation through their website, as well as the third-party platforms, namely Expedia, Booking.com, Hotels.com and Priceline.com, along with walk-in reservations or by phone. Their primary method of bookkeeping consists of keeping a record of reservations inside of a physical ledger. This ledger is updated each time a booking is made, through any of the various booking channels. They may also print booking confirmations they receive via email for the purpose of bookkeeping. They have kept most of the legacy systems in place, from when the business was purchased 4 years ago. They have not modified the website, other than for the purposes of COVID updates, and much of the management practices have remained unchanged. Their business has grown since it was acquired, and the staff at Manoir Ramezay has voiced their desire to improve and modernize their management systems to solve the business problems they see themselves facing. Regarding the staff's computer skills, the owners have working knowledge of Microsoft's Office suite, along with a basic understanding of navigating the web, and using email services. The accountant uses QuickBooks to manage the finances of the business. The cleaning staff do not use any software tools on a day-to-day basis to complete their

duties. Management has expressed a willingness to learn any new software tools, should it help them operate their business and solve their current business problems.

The red team has conducted a series of interviews with Manior Ramezay to best assess the needs and requirements of a potential solution to the business problems at hand. Based on the interviews, several changes were made to the proposed system solution based on the requirements gathered.

V. Description of the Business Problem

The hotel doesn't have an efficient system in place to keep track of room availability across available booking channels. When a room is booked through one of their platforms, the front-desk staff must update a physical ledger or print out a confirmation from their e-mail sent by a third-party platform, to have a unified running tally of past reservations. The front desk staff must then manually change room availabilities across all other platforms to avoid duplicate bookings and to reflect the actual availability. This is a very inefficient process, especially when the hotel is busy, during the summer months. The front-desk staff is often preoccupied with assisting on-site guests and fulfilling requests, so much so that they are unable to keep up with the current methods of data entry. This is a potential risk for double bookings and in overworked front-desk staff. This may lead to poor experience for the guests, leading them to choose another establishment in the future. Moreover, if a repeat guest returns to the hotel to book a room, the front-desk staff must reference the physical ledger or paperwork to find their personal information or preferences (if any were noted). This often leads to the client having to repeat much of the same information that was given during their prior visits.

As it stands, the current business problem has to do with efficient booking management. The current process is inefficient, leading to inaccurate room tallies, overworked front-desk staff, an inability to answer guests' questions and the potential for poor experience as a result. Writing down all guests' information on paper is a slow and error prone process and appears to be a pain point with respects to the hotel's day to day operations. Booking and client information is spread across many tools and platforms, each needing to be cross-referenced every time a booking is made. This creates a bottleneck for the business if it wishes to continue growing.

Front-desk staff needs to be able to quickly verify the guests' personal information for the check-in and check-out process. This will allow the hotel to stay in control of their bookings and automate repetitive tasks. It is important to the staff to have a real time calendar with up-to-date room availabilities, allowing for quick searching, modifying and deletion of guests' and reservations. This will improve the experience for repeat guests especially, and if it will allow the staff to work in a more efficient and organized manner. A group booking feature with bulk reservation set-ups may also be a worthwhile addition, given that the hotel often books groups.

Moreover, the proposed information system should integrate with, rather than replace existing third-party booking options, as these third-party platforms provide inherent discoverability for the hotel. These platforms are familiar to prospective guests and their functionality is not redundant. Therefore, the proposed application should focus on solving the problem of interconnectivity and intercommunication between booking channels.

VI. Narrative description of the future information system

Given that third party booking platforms provide inherent discoverability for the hotel, along with familiar and immediate ways for potential guests to book through the platforms they are familiar with, the proposed information system will only be a business facing tool to be used by hotel staff to retrieve up-to-date room availabilities through an API. The system will also allow hotel staff to complete reservation requests made by guests booking directly through the hotel, by phone, email, walk-in or through the hotel's website.

The Red Team has identified two primary roles relevant to the system. The first role is the receptionist, who will function as a generic user. The receptionist needs basic authorization, sufficient to create, modify and delete reservations, as well as browse, and update availabilities. The second role is a manager role. The manager will have admin privileges within the system. In addition to being able create, modify, and delete reservations, as well as read and update availabilities, the administrator will be able to create, read, update, and delete users on the system. The administrator will be able to manage user privileges, and the scope of their access to the system.

Both the user and administrator will begin at a login screen, where they will enter their usernames and password. Should they enter valid credentials, they will be logged in, and taken to the home screen with account privileges matching their account credentials. Should they enter invalid credentials, they will be shown an error message. Upon a successful login, the system will initiate API calls to retrieve up-to-date availabilities from third-party booking platforms.

Once at the home screen, the user and the admin both will see some statistics amount the day's availabilities. The user will have the option to navigate to a reservation's menu, allowing the user to create a new reservation. Initiating a new reservation will also necessitate payment functionality. They may navigate to a calendar view of the month's current availabilities. Another view option would be in a form of a list that shows either past, current, or future reservations. From here, the user may be able to search, modify, or delete reservations. There will be a button to refresh availabilities, which will make a series of new API calls to retrieve the most up-to-date booking history. The administrator will have access to the same functionality, however, they will additionally be able to navigate to a user's tab, where they will be able to create, read, update, or delete users. At any moment, the user and the administrator both should be able to exit the application by clicking a button.

VII. Appendix 1 – User Stories

1. ID: recLogIn
Title: Log In
Story: As a receptionist I would like with a unique identifier
2. ID: recAdd
Title: Add Guests
Story: As a receptionist I would like to add new guest information to the system
3. ID: recModify
Title: Modify Guests
Story: As a receptionist I would like to be able to modify existing guest information.
4. ID: recDelete
Title: Delete Guests
Story: As a receptionist I would like to delete guest records from the unified database
5. ID: recSearchGuest
Title: Search Database for Guest
Story: As a receptionist I would like to obtain guest information.
6. ID: recSearchRes
Title: Search Database for Reservation
Story: As a receptionist I would like to obtain reservation information.
7. ID: recCheckIn
Title: Check In
Story: As a receptionist, I would like to be able to check guests in.
8. ID: recCheckOut
Title: Check Out
Story: As a receptionist I would like to be able to check guests out.
9. ID: recCreateResWalkin
Title: Create a Walk-in Reservation
Story: As a receptionist, I would like to be able to create a reservation when a guest is present.

10. ID: recCreateResPhone
Title: Create a Phone-in Reservation
Story: As a receptionist, I would like to be able to create a reservation when a guest calls in.
11. ID: recModifyRes
Title: Modify Reservation
Story: As a receptionist I would like to modify an existing reservation.
12. ID: recDeleteRes
Title: Delete a Reservation
Story: As a receptionist I would like to delete, cancel, or close a reservation.
13. ID: recRmAvail
Title: Update Room Availability
Story: As a receptionist I would like room availabilities to be automated.
14. ID: recCheckAvail
Title: Check Room Availability
Story: As a receptionist I would like to be able to verify current room availabilities.
15. ID: recCalenderView
Title: View All Bookings
Story: As a receptionist I would like to view a calendar of all scheduled reservations.
16. ID: recGeneInv
Title: Generate Invoice
Story: As a receptionist I would like to generate a booking invoice.
17. ID: recProPay
Title: Process Payment
Story: As a receptionist I would like process a client's payment.
18. ID: recPhone
Title: Answer the phone
Story: As a receptionist I would like to be able to answer the phone or make a phone call.
19. ID: recGatherInfo
Title: Gather Guest Information
Story: As a receptionist I would like to be able to gather guest's personal information.

- 20. ID: recGatherInfo
Title: Gather Guest Information
Story: As a receptionist I would like to be able to gather guest's payment information.
- 21. ID: recKeyCard
Title: Room access
Story: As a receptionist I would like to activate a key card.
- 22. ID: recSendConf
Title: Send Booking Confirmation
Story: As a receptionist I would like to be able to send booking confirmations.
- 23. ID: recAbort
Title: Exit System
Story: As a receptionist I would like to be able to abort or exit the system.
- 24. ID: mgrPull
Title: Pull Reports
Story: As a manager I would like to pull occupancy reports from the system.
- 25. ID: mgrAssign
Title: Assign Tasks
Story: As a manager I would like to assign tasks to my employees.
- 26. ID: mgrCreateUser
Title: Create Users
Story: As a manager I would like to be able to create new users.
- 27. ID: mgrModifyUser
Title: Modify Users
Story: As a manager I would like to modify existing users.
- 28. ID: mgrDelUser
Title: Delete Users
Story: As a manager I would like to delete users.
- 29. ID: mgrManagePriv
Title: Manage Privileges
Story: As a manager I would like to manage user privileges.

30. ID: mgrSameAsRec
Title: Preform Receptionist Tasks
Story: As a manager I would like to be able to preform the same tasks as the receptionist.

After our client interview, guest user stories were cut, given that the proposed system will not be used by guests, and will instead be an internal tool only.

- ~~31. ID: guestRes
Title: Make a Reservation
Story: As a guest I would like to be able to make a reservation.~~
- ~~32. ID: guestBrowse
Title: Browse Room
Story: As a guest I would like to be able to browse room options.~~
- ~~33. ID: guestModify
Title: Modify Reservation
Story: As a guest I would like to be able to modify my reservation.~~
- ~~34. ID: guestCancel
Title: Cancel a Reservation
Story: As a guest I would like to be able to cancel my reservation.~~
- ~~35. ID: guestInvoice
Title: Get an Invoice
Story: As a guest I would like to have an invoice.~~
- ~~36. ID: guestPay
Title: Pay an Invoice
Story: As a guest I would like to be able to pay my invoice.~~
- ~~37. ID: guestInfo
Title: Provide Personal Information
Story: As a guest I would like to be able to provide my personal information to the hotel system.~~
- ~~38. ID: guestExit
Title: Exit Booking System
Story: As a guest I would like to be able to exit the booking system without making a reservation.~~

VIII. Appendix 2 – Acceptance Tests

User Story 1, Title: Log in

- 1a. Given that the user is the receptionist
 - When valid credentials are input
 - Then he/she has user level access to the system.
- 1b. Given that the user is the receptionist
 - When invalid credentials are input
 - Then he/she does not have any system access.

User Story 2, Title: Add Guests

- 2a. Given that the user is the receptionist
 - When Inputting Guest Information into the system
 - And the guest is not already present within the system
 - Then the user is successfully added to the database.
- 2b. Given that the user is the receptionist
 - When inputting existing guest detail
 - Then an error message is displayed
 - And the guest is not re-added to the database

User Story 3, Title: Modify Guests

- 3a Given that the user is the receptionist
 - When a guest record exists in the database
 - And personal information is changed
 - Then the user successfully modifies the guest's information within the database
- 3b. Given that the user is the receptionist
 - When inputting invalid personal information in the input fields
 - Then an error message is displayed
 - And the guest's personal information is not modified

User Story 4, Title: Delete Guests

4a Given that the user is the receptionist

When a guest exists within the system

And when searched via their personal information

And when the delete button is selected and confirmed

Then the user successfully is successfully deleted

4b. Given that the user is the receptionist

When the guest does not exist within the database

Then the user cannot delete a non-existent guest for the database

User Story 5, Title: Search Database for Guest

5a. Given that the user is a receptionist

When successfully logged in

And when entering valid guest information within a search field

Then he/she can search the database for the corresponding user.

5b. Given that the user is the receptionist

When entering invalid or non-existent guest information into the input field

Then he/she cannot search the database

User Story 6, Title: Search Database for Reservation

6a. Given that the user is a receptionist

When successfully logged in

And when entering valid guest reservation info within a search field

Then he/she can search the database for the corresponding reservation

5b. Given that the user is the receptionist

When entering invalid or non-existent reservation information into the search field

Then he/she cannot search the database

User Story 7, Title: Check In

7a. Given that the user is the receptionist

When successfully logged in

And when having gathered all required personal and payment information

And when having made a key card for the guest's room

Then he/she can check in the guest.

7b. Given that the user is the receptionist

When payment information is missing

Then he/she cannot check in the guest.

User Story 8, Title: Check Out

8a. Given that the user is the receptionist

When successfully logged in

And when having gathered processed payment of the guest's invoice

Then he/she can check in the guest.

8b. Given that the user is the receptionist

When having the guest's invoice has not yet been paid

Then he/she cannot check out the guest.

User Story 9, Title: Create a Walk-in Reservation

9a. Given that the user is the receptionist

When successfully logged in

And when having gather the guest's room and date choices

And when having gathered all required personal and payment information

Then he/she may create a walk-in reservation

9b. Given that the user is the receptionist

When not having gathered all required personal and payment information

Then he/she cannot create a walk-in reservation.

User Story 10, Title: Create a Phone-In Reservation

10a. Given that the user is the receptionist

When successfully logged in

And when having gathered the guest's room and date choices

And when having gathered all required personal and payment information

Then he/she may create a phone-in reservation

10b. Given that the user is the receptionist

When not having gathered all required personal and payment information

Then he/she cannot create a phone-in reservation.

User Story 11, Title: Modify Reservation

11a. Given that the user is the receptionist

When successfully logged in

And when the reservation in question exists

Then he/she can modify a reservation.

11b. Given that the user is the receptionist

And when the reservation in question does not exist

Then he/she cannot modify a reservation.

User Story 12, Title: Delete a Reservation

12a. Given that the user is the receptionist

When successfully logged in

And when the reservation in question exists

Then he/she can delete a reservation.

12b. Given that the user is the receptionist

When the reservation in question does not exist

Then he/she cannot delete a reservation.

User Story 13, Title: Update Room Availability

13a. Given that the user is the receptionist

When he/she has successfully logged into the system

And when the systems successfully make API calls to internal booking platforms

Then room availability will be automatically updated

13b. Given that the user is the receptionist

When a system error occurs

Then an exception message will be shown

And the room availability will not be automatically updated

User Story 14, Title: Check Room Availability

14a. Given that the user is the receptionist

When he/she has successfully logged into the system

And when having navigated to the corresponding calendar view

Then he/she can view current room availabilities

14b. Given that the user is the receptionist

When failing to navigate to the corresponding calendar view

Then he/she cannot view current room availabilities

User Story 15, Title: View All Bookings

15a. Given that the user is the receptionist

When he/she has full access to the system

And when having navigated to the calendar view

Then they may view a calendar of past/present/future bookings

15b. Given that the user is the receptionist

When inputs invalid credentials while logging in

Then he/she may not view a calendar of past/present/future bookings

User Story 16, Title: Generate Invoice

16a. Given that the user is the receptionist

When he/she has full access to the system

And when a reservation is confirmed

And when the reservation has beginning and end dates

Then he/she can generate a client invoice.

16b. Given that the user is the receptionist

When a reservation is not confirmed

Then he/she cannot generate a client invoice.

User Story 17, Title: Process Payment

17a. Given that the user is the receptionist

When he/she has full access to the system

And when a reservation is confirmed

And when all payment information has been gathered

Then he/she may process a guest's payment.

17b. Given that the user is the receptionist

When payment information has not yet been gathered

Then he/she may not process a guest's payment.

User Story 18, Title: Answer the phone

18a. Given that the user is the receptionist

When he/she answers a phone call

And the guest wishes to make a reservation

And all personal and payment information has been gathered

Then he/she can add the reservation to the system.

18b. Given that the user is the receptionist
When he/she are occupied with other requests
Then he/she cannot create answer the phone

User Story 19, Title: Gather Guest Info

19a. Given that the user is the receptionist
When a client is on the phone or in person
And when the guest wishes to make a reservation
Then he/she can gather guest's personal information.

19a. Given that the user is not the receptionist
When not in communication with the client
Then he/she cannot gather guest's personal information.

User Story 20, Title: Gather Guest Payment Info

20a. Given that the user is the receptionist
When a client wishes to make a reservation
And when all other personal information has been gathering for that reservation
Then he/she can gather guest's payment information.

20a. Given that the user is the receptionist
When personal information for a reservation is not yet gathered
Then he/she may not gather guest's payment information.

User Story 21, Title: Room access

21a. Given that the user is the receptionist
When a reservation has been created
And a user checks-in
Then he/she can create the access card to give to the guest

21b. Given that the user is the receptionist

When a guest loses an access card

Then a replacement access card may be granted

And the old access card may be remotely deactivated

User Story 22, Title: Send Booking Confirmation

22a. Given that the user is the receptionist

When successfully logged in

And when a reservation has been successfully created

Then he/she can send booking confirmation

22b. Given that the user is the receptionist

When the manager requests all the booking confirmations

Then he/she can send all the confirmations through the system.

User Story 23, Title: Exit System

23a. Given that the user is currently using the system

When the user would like to abort or exit the system

And he/she clicks an exit button

Then, they are prompted with a message asking if they are sure they would like to cancel any pending actions

And the system exits.

23b. Given that the user is currently using the system

When the user would like to abort or exit the system

And he/she clicks an exit button

Then, they are prompted with a message asking if they are sure they would like to cancel any pending actions

And if they click no.

Then the system does not exit.

User Story 24, Title: Pull Reports

24a. Given that the user is the manager

When he/she has access to the system with manager credentials

And when they access the booking history view

Then he/she may pull an occupancy report

24b. Given that the user is the manager

When logged in without manager credentials

Then he/she cannot pull any reports from the system

User Story 25, Title: Assign Tasks

25a. Given that the user is the manager

When he/she has access to the system

Then he/she can assign tasks to the employees

25b. Given that the user is the customer

When he/she does not have access to the system

Then he/she cannot assign tasks to the employees through the system.

User Story 26, Title: Create Users

26a. Given that the user is the manager

When he/she has access to the system with manager credentials

And when all new user information fields have been inputted

Then he/she may create a new user

26b. Given that the user is the manager

When he/she has access to the system with manager credentials

And the user already exists

Then an error message will be shown

And the manager will not be able to create the same user

User Story 27, Title: Modify Users

27a. Given that the user is logged in with manager credentials.

When there is existing user information.

And when a user information field is changed

Then he/she can modify user information.

27b. Given that the is a manager

When he/she has access to the system without manager credentials

Then he/she cannot modify user information.

27c. Given that the is a manager

When he/she has access to the system with manager credentials

And when the user in question does not yet exist

Then he/she cannot modify user information.

User Story 28, Title: Delete User

28a. Given that the user is logged in with manager credentials.

When there is existing user information.

Then he/she can delete a user.

28b. Given that the is a manager

When he/she has access to the system without manager credentials

Then he/she cannot delete user information.

28c. Given that the is a manager

When he/she has access to the system with manager credentials

And when the user in question does not yet exist

Then he/she cannot delete user information.

User Story 29, Title: Manage privileges.

29a. Given that the is a manager.

When he/she has access to the system with manager credentials

And when there is existing user information.

Then he/she can manager user privileges.

29b. Given that the user is a manager

When he/she has access to the system without manager credentials

Then he/she cannot manage user privileges.

User Story 30, Title: Preform Receptionist Tasks

30a. Given that the user is the manager

When he/she has full access to the system

Then he/she can perform all the same actions as a receptionist.

30b. Given that the user is not the manager.

When he/she try to access the system as the manager

Then he/she cannot access the system at all.

The acceptance tests for guests were also cut, after the decision was made that the application was going to be an internal tool only.

~~17a. Given that the user is the customer~~

~~—— When he/she has the access to the booking system and looking for the rooms~~

~~—— Then the customer can make a reservation.~~

~~17b. Given that the user is the customer~~

~~—— When he/she does not have the access to the booking system~~

~~—— Then the customer cannot make a reservation.~~

~~18a. Given that the user is the customer~~

~~—— When he/she has the access to the booking system~~

~~—— Then the customer can browse the room types.~~

~~18b. Given that the user is the customer~~

~~—— When he/she does not have the access to the booking system~~

~~—— Then the customer cannot browse the room types.~~

~~19a. Given that the user is the customer~~

~~—— When he/she has the existing the reservation~~

~~—— Then the customer can modify that reservation through the booking system.~~

~~19b. Given that the user is the customer~~

~~—— When he/she does not have existing the reservation~~

~~—— Then the customer cannot modify that reservation through the booking system.~~

~~20a. Given that the user is the customer~~

~~—— When he/she has the existing the reservation~~

~~—— Then the customer can cancel that reservation through the booking system.~~

~~20b. Given that the user is the customer~~

~~—— When he/she does not have existing the reservation~~

~~—— Then the customer cannot cancel that reservation through the booking system~~

~~21a. Given that the user is the customer~~

~~—— When he/she have a successfully reservation in the system~~

~~—— Then he/she is able to view the invoice.~~

~~21b. Given that the user is the customer~~

~~—— When he/she does not have any excising reservation in the system~~

~~—— Then he/she does not have any access to the invoice.~~

~~22a. Given that the user is the customer~~

~~—— When he/she have a successfully reservation in the system~~

~~—— Then he/she is able to pay the bill.~~

~~22b. Given that the user is the customer~~

~~—— When he/she does not have any existing reservation in the system~~

~~—— Then he/she does not have any access to the invoice.~~

~~23a. Given that the user is the customer~~

~~—— When he/she have a successfully reservation in the system~~

~~—— Then he/she is able to provide personal information.~~

~~23b. Given that the user is the customer~~

~~—— When he/she does not have any existing reservation in the system~~

~~—— Then he/she cannot provide personal information.~~

~~24a. Given that the user is the customer~~

~~—— When he/she is searching for the room availabilities and the hotel is fully booked~~

~~—— Then he/she can exit the booking system without making a reservation.~~

~~24b. Given that the user is the customer~~

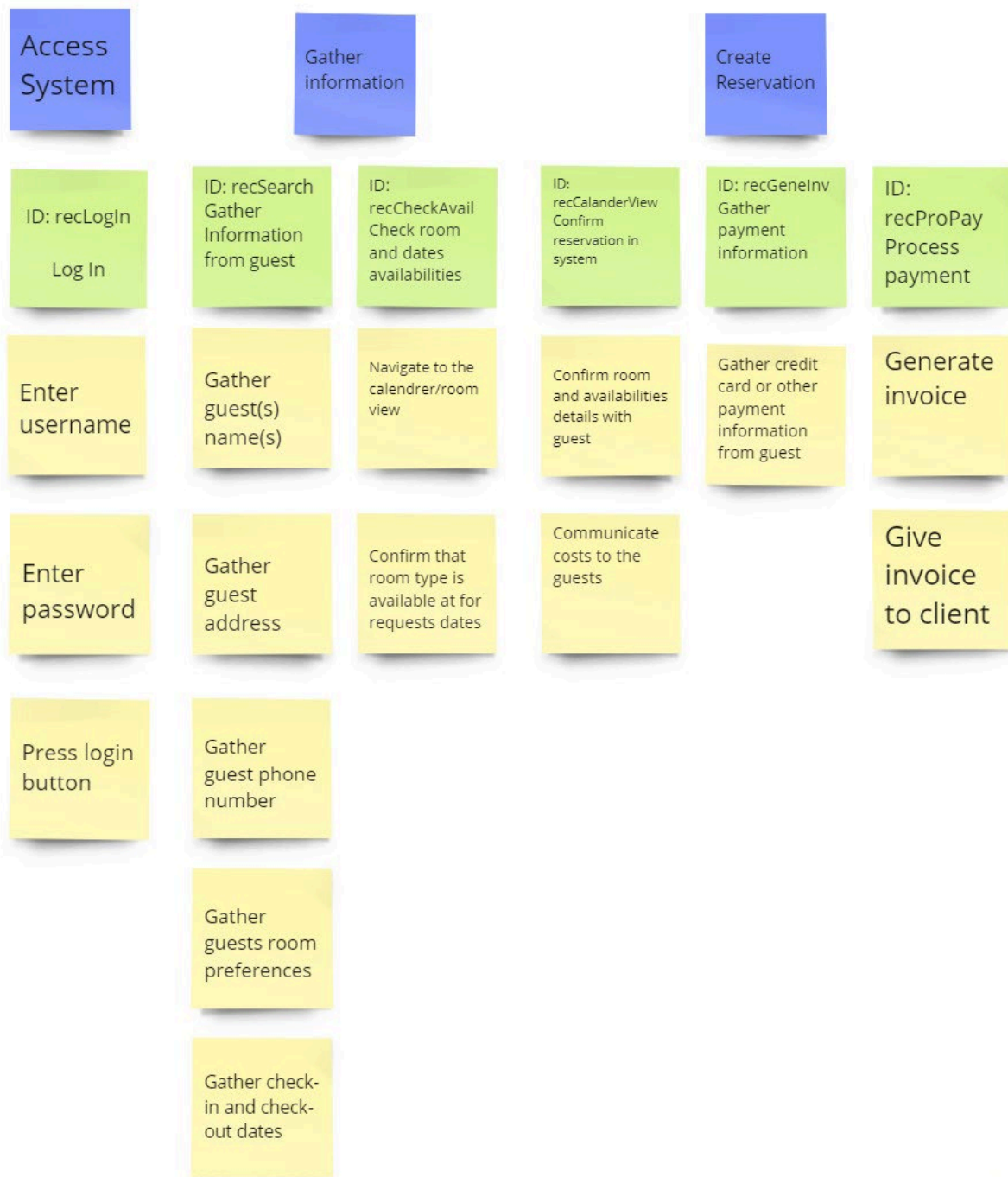
~~—— When he/she is searching for the room availabilities and is not satisfied with the selection~~

~~—— Then he/she can exit the booking system without making a reservation.~~

IX. Appendix 3

After deliberation, the red team has concluded that the best tool for mapping user stories is Miro. Miro is an online platform that enables whiteboard collaboration, and distributed teams to work together effectively. Miro has great support brainstorming with digital notes to planning and managing agile workflows. User Story Mapping is one of the patterns it supports, and for which templates are available. Miro's digital sticky notes are easy to work with, as is arranging the digital sticky notes into a User Story map format. Below the reader will find a User Story map for both roles present in the system, the receptionist, and the manager. The red team did not use all the user stories found in appendix 1 within the User Story map, as some of the task details were overly granular and would have necessitated a further break down of what were already fairly simple user stories.

User Story Map for a receptionist creating a new reservation with a phone-in or walk-in guest.



miro

User story map for a manager.



miro

X. References

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