



Reserva

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What is the main idea?

Main idea is that it will be a hotel room booking site. Where the company offers rooms from many different hotels. Users can access webapp to book their stay. They can also manage booking for activities availability. Inclusion of a point system for members of this booking site will also be available.

Web Application

For now, the main idea for web application is that the members can access the site to book their stay. There will also be a reserve option that members can do during booking, but they will have to complete payment before the period of stay. They can also book their activities during their stay on the web application. They can view their previous stays and leave a review. They will earn points for booking which can later be redeemed for activities or even a stay at one of the locations. For the manager they can adjust room pricing and room availability for each hotel.

Desktop application

The desktop application will be used by the manager where they will have the tools required to add different hotel locations and add rooms and variations. They can also add activities here. And there will also be an overview of all employees and members. Here managers can set prices for rooms and quantities available. Might also include option for adjusting how much point a member receives upon booking.

Some features

Dynamic pricing

The initial price of the room will be set by the manager. But there will be a dynamic pricing system in place to determine whether to give a price increase or a discount. For when there is high demand the prices for the room will go up. And when there is low demand, and the day of availability is drawing close there will be given a discount. And might even give out bonus point to members who book these rooms in low demand.

Point system

For members with a premium account, they will participate in point collecting. Points can save up and later be redeemed for example an activity or even a room. For each booking they do they get rewarded with points depending on the price. And in some situation where there is low demand for specific a type of room or at a specific hotel, there will be extra points that may be offered as an incentive to get these room booked. The exact cases where these will be offered will get decided later.

User roles

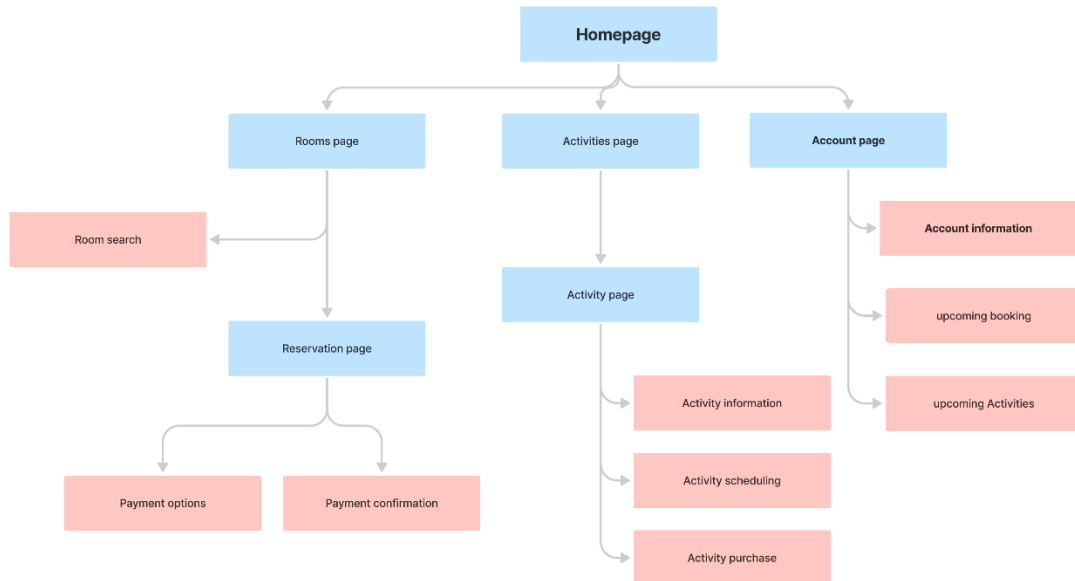
Members

With a membership users can have access to all services there is to offer on the web application. There are two tiers of membership, those are the free membership and the premium membership. With free membership you can book rooms and activities, but they will not receive any points. With the premium membership users can save points that they can use to claim rewards.

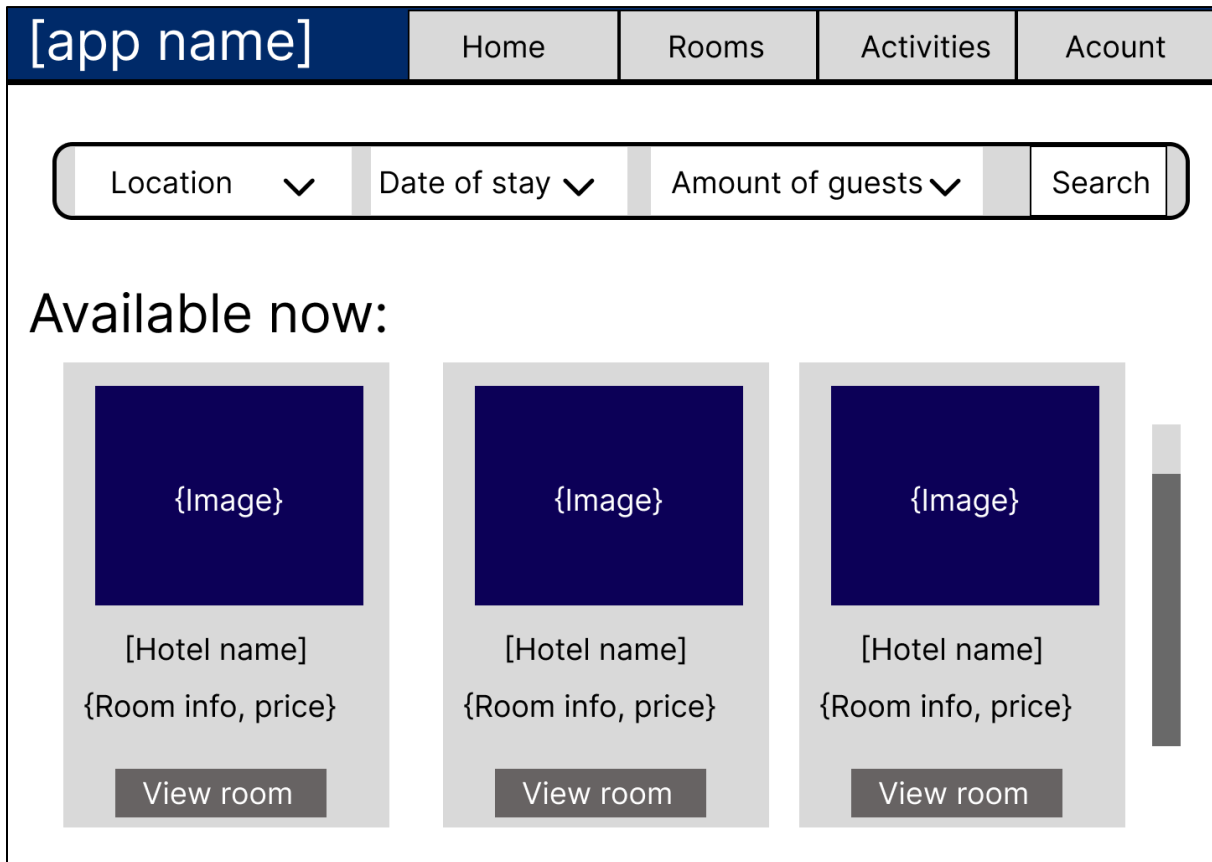
Employees

Employees will have access most of their tools on the desktop application with only minimal functionality for the web application. Employees will be responsible depending on their role for different part of the day-to-day operations. Whether these are using the desktop application tools to setup new hotel locations and rooms or managing existing locations.

Sitemap



Wireframes



[app name]	Home	Rooms	Activities	Account
------------	------	-------	------------	---------

Location

▼

Date of stay

▼

Amount of guests

▼

Search

{Image}

[Hotel name]
{Room info, price}

View room

{Image}

[Hotel name]
{Room info, price}

View room

{Image}

[Hotel name]
{Room info, price}

View room

{Image}

[Hotel name]
{Room info, price}

View room

{Image}

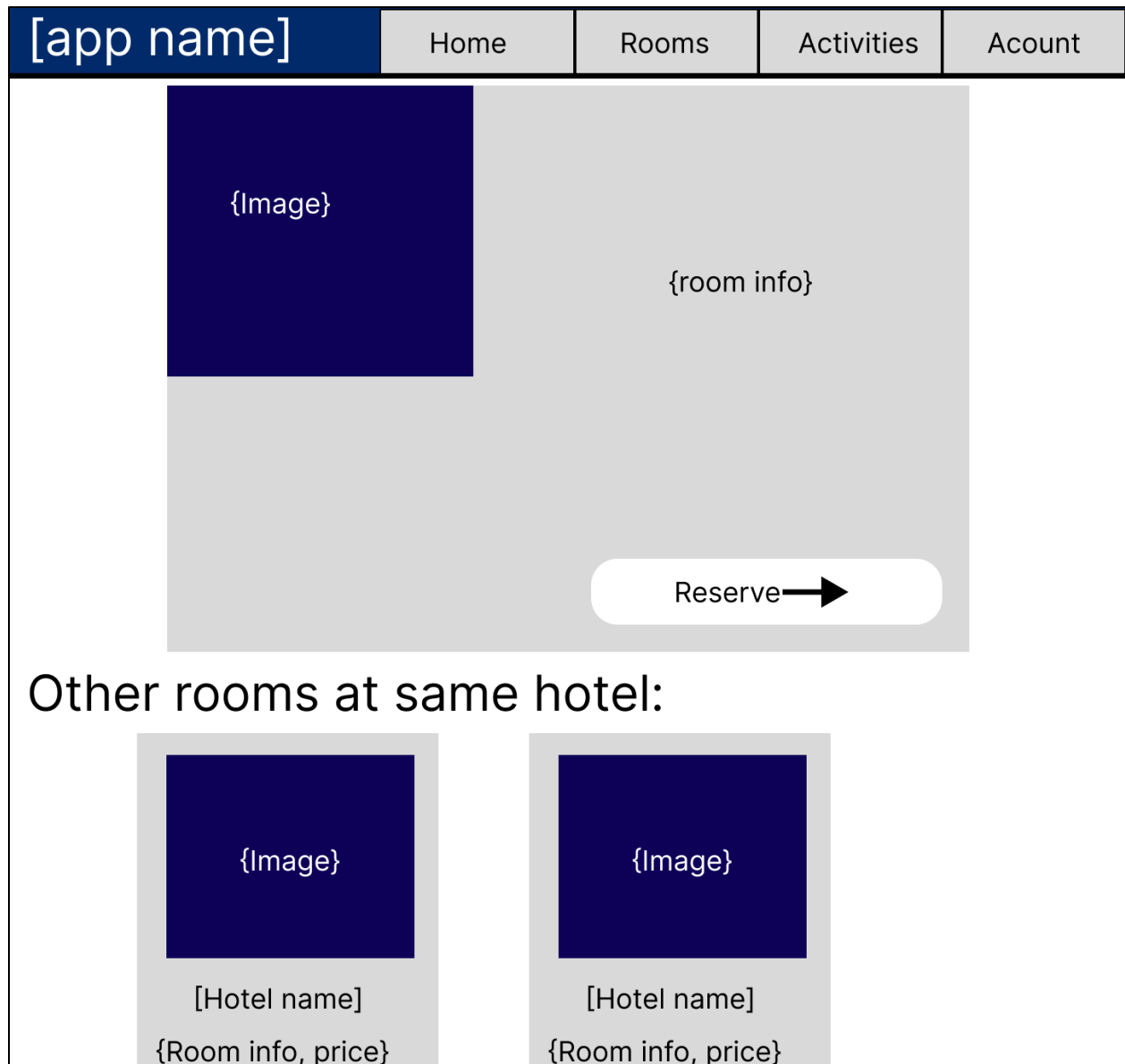
[Hotel name]
{Room info, price}

View room

{Image}

[Hotel name]
{Room info, price}

View room



[app name]	Home	Rooms	Activities	Account
------------	------	-------	------------	---------

Reservation

Who's checking in?

First nameLast name

Email

☐ Myself

{Room and stay information}

Do you want booking protection?

{Information of some things that are covered}

☐ Yes, I want Booking protection

☐ No, I'm willing to risk my trip

Payment option

☐ Pay now

☐ Pay later (must be before date of stay)

Total
\$0.00

Confirm booking →

[app name]	Home	Rooms	Activities	Account
------------	------	-------	------------	---------

Success, your room has been booked

{Room information}

Account

{Account information}

Booked rooms

{Image}

[Hotel name]

{Room info, dates}

View booking

Booked Activities

{Image}

[Activity name]

{Activity info , time}

View booking

Git repository

[Timothy Thijsen/ Room booking application](#)