

# CapGemini Rooftop Area Sprint

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# User Stories

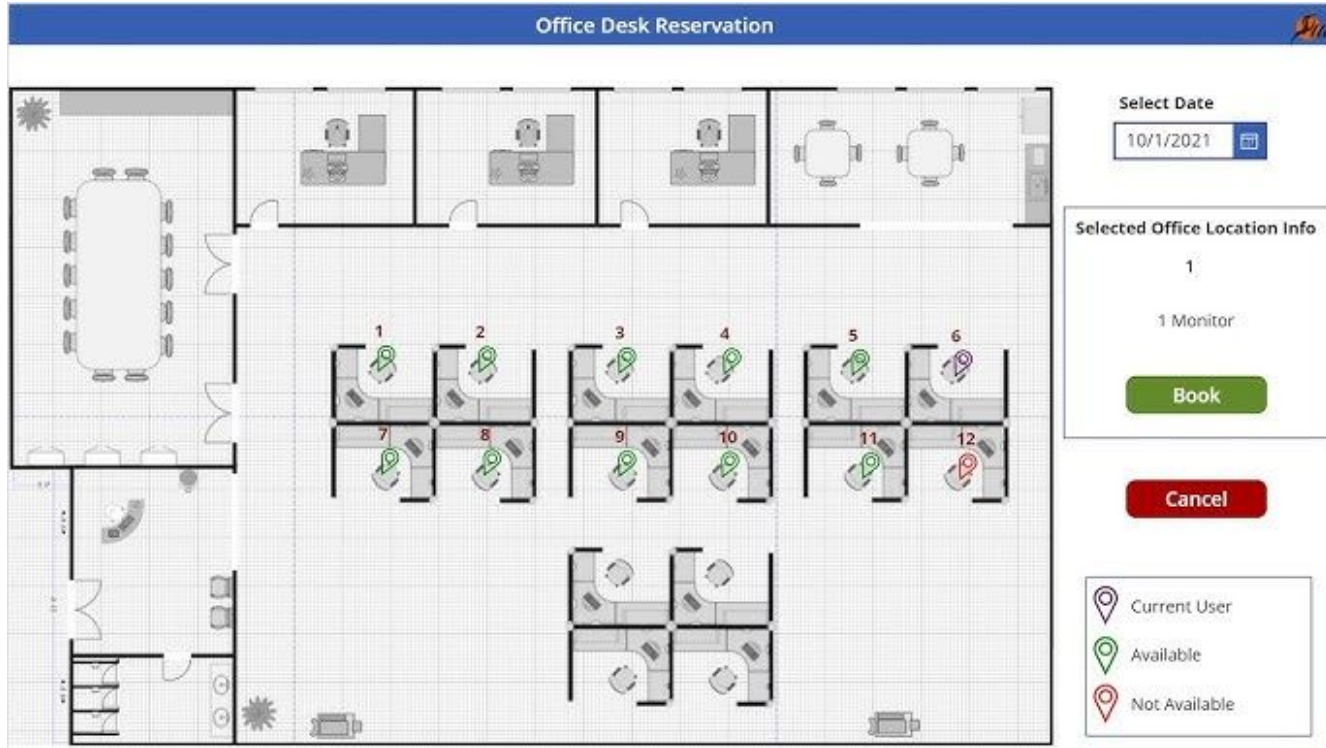
1. I am the CEO of the company, and I would like a chic and stylish eco friendly space to show our clients about our eco friendly goals and sustainability principles. I should also be able to hold meetings there
2. I am an employee, and I would like to relax in this space during my lunch and office hours, and do work there in a calm and serene environment, so there should be lush greenery
3. Management : I would like an energy efficient and low cost rooftop space, where the space is easy to clean, with quality materials, providing a stylish space that attracts many different clients. It should have an outdoor area to lounge, and also an indoor area to hold meetings and do work privately.
4. Client: I am a client and I would like a space that is easy to hold meetings in and be quiet for me to discuss business opportunities without being interrupted.

# Sound Deadening System - Natural Design

- Sound absorbing materials to allow employees to work in a quiet space and reduce background noise.  
(made with eco-friendly plants such as hollies, junipers and deciduous plants).



# Booking System



- An indoor conference/cubicle system where employees can book spaces online using an employee terminal, so they can relax while working independently.

# Rooftop Solar Panel

- Area powered by solar panels for renewable energy to allow workers to carry out meetings and calls.





# Smart Rooftop Design

An area designed to be eco-friendly with designated plant and flower pots to grow natural flora and attract bugs and insects to add to the biodiversity of the rooftop.

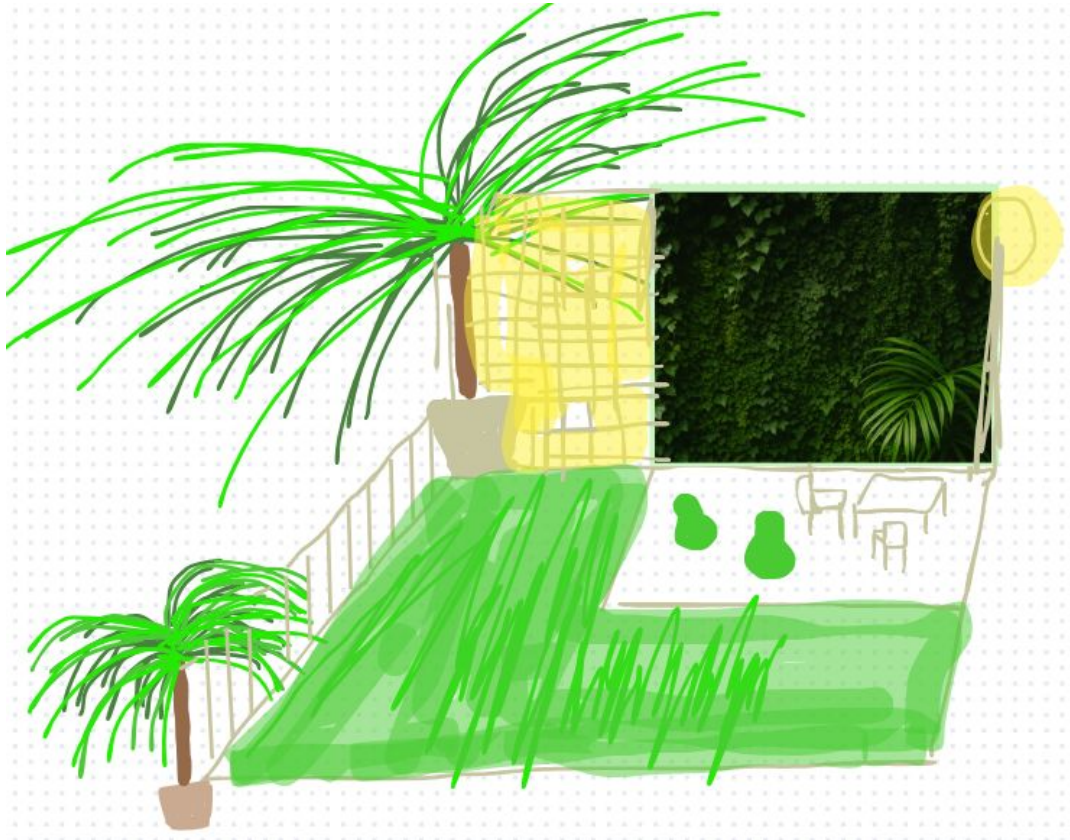


# Eco-Friendly Seating

- Community spaces made from recycled and renewable materials such as wooden tables, chairs, beanbags and sofas for comfort.
- An area outside in the open terrace which would provide a calm and open environment to spend lunch breaks, and show clients.



# Final Ideation





# Final ideas

## **Solar Panels**

These solar panels are installed to harness renewable energy from sunlight, powering the smart lighting, charging stations, and other rooftop tech systems.

## **Green Wall**

The green wall features dense vertical plant growth that improves air quality, reduces heat, and brings a touch of nature to the workspace, contributing to sustainability and aesthetics.

## **Smart Lighting**

Smart lighting fixtures automatically adjust brightness based on sunlight and motion detection, optimising energy usage while maintaining visual comfort for users.

## **Dashboard**

The digital dashboard monitors environmental data such as energy usage, occupancy, and air quality, helping facility managers make informed decisions and promote sustainability.

## **Tech Hub**

This kiosk serves as a centralized tech station where employees can access rooftop services, connect to Wi-Fi, or check out shared digital devices like tablets or VR tools.

## **Workspace Seating**

Seating and desks allow employees to work comfortably outdoors, supporting hybrid workstyles and boosting productivity in a relaxing environment.

# Overall reflection

## Strengths:

We have met our target audiences goals and main wishes by creating a eco friendly environment that can be used by anyone within the office and is able to be booked online via the capgemini website for use. Furthermore it'll allow all of our clients and users to de stress after a long day on our eco friendly bean bags and have some well deserved privacy.

We collaborated effectively in an agile way, and each member contributed to the overall solution

## Improvements:

We could've generated more than one way of creating electricity because using only solar panels is light dependant so we have to rely on other means during the night. We could've implemented a cost onto our booking system because it may overbook due to its popularity.

We could have delegated tasks better and considered the long term feasibility of the solutions