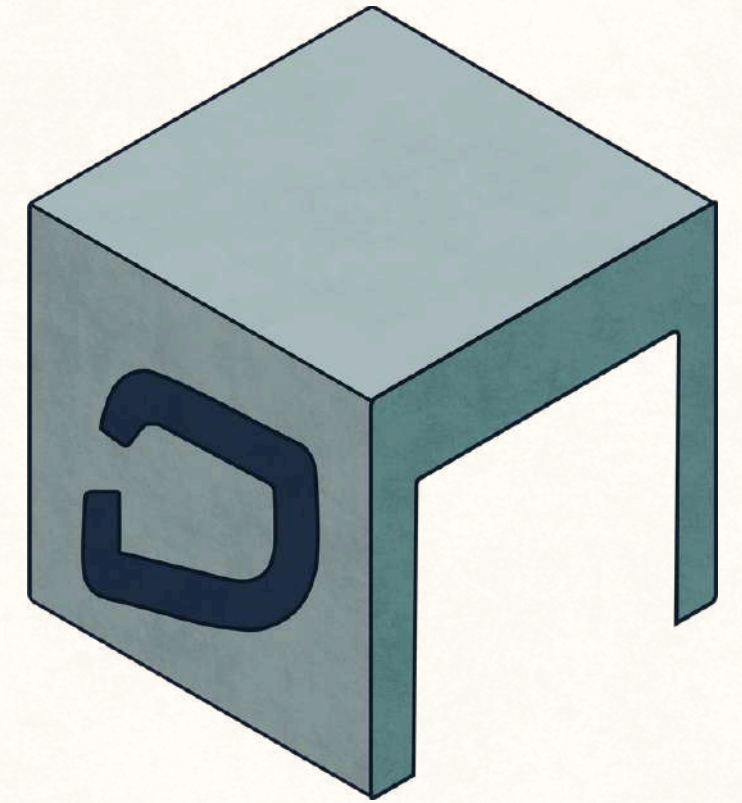


SWE363 -Web Engineering & Development
T251-Team 16-F04

فُجْرَة



Team Members

- **Atheer Almomtan**
- **Dena Alharbi**
- **Dana Alyahya**
- **Farah Mohammed**

Your Space, Their Solution!





Executive summary

Our platform, حُجرة, is designed to transform unused areas such as garages, basements, and spare rooms into valuable, income-generating opportunities for everyday people. The idea is simple yet powerful: by connecting individuals who have extra storage capacity with those actively seeking affordable and flexible storage solutions, we provide a service that is both practical and mutually beneficial. Homeowners and renters are empowered to monetize spaces that would otherwise remain idle, while those in need of storage gain convenient and budget-friendly options tailored to their circumstances.

In Saudi Arabia, many residents face daily challenges related to limited housing space, frequent relocations, and the need for temporary storage during renovations or family transitions. Traditional storage facilities often come with high costs, rigid contracts, and limited accessibility, which makes them less appealing to the average person. By enabling individuals to share their unused spaces, حُجرة not only alleviates the storage burden but also contributes to fostering a culture of collaboration, sustainability, and resourcefulness. This vision aligns strongly with the Kingdom's broader goals of economic diversification, innovation, and enhanced community engagement.

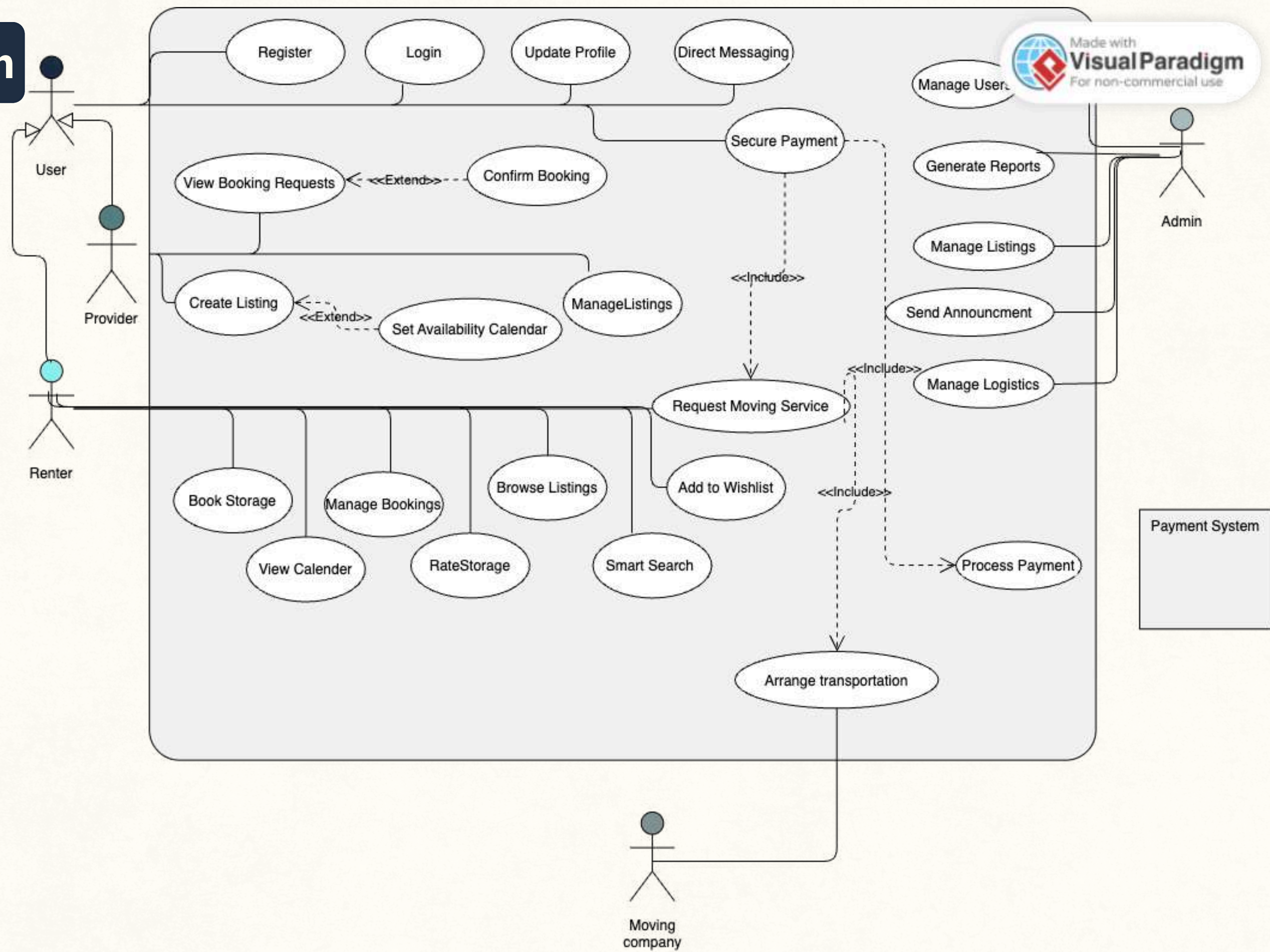
Types of Users

حُجرة 

-  Renter
-  Provider
-  Admin
-  Moving Company



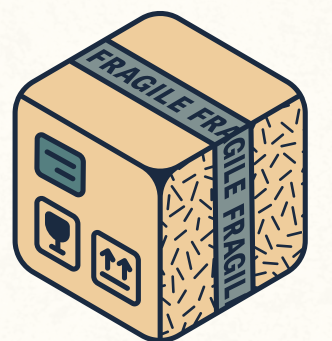
UC Diagram



Functionalities

Renter

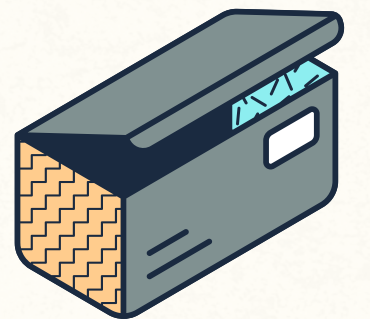
- Browse listings of available spaces.
- Smart search with filters (location, size, time, AC).
- Secure booking & payments through the platform.
- Users can integrate their calendar to get reminders when it's time to move items in or out.
- Direct messaging with providers.
- Leave ratings & reviews for providers and spaces.
- Users can connect with a logistics company to arrange moving items for an additional fee.
- Save favorite storage spaces (wishlist).



Functionalities

Provider

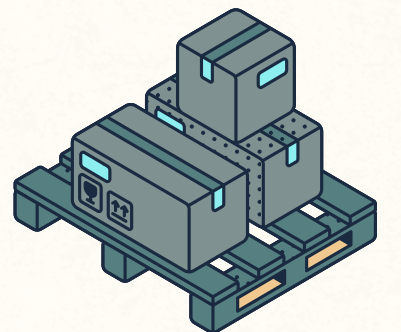
- Create and manage listings of storage spaces with details and photos.
- Smart calendar integration to manage availability and receive reminders.
- Booking management (view, accept, or decline requests).
- Ability to set discounts or promotional offers on selected spaces.
- Direct messaging with renters.
- Receive and respond to ratings & reviews.
- A quick toggle to mark spaces available or unavailable instantly.
- Notify providers of bookings, messages, and cancellations in real time.



Functionalities

Admin

- Managing users by suspending or deleting accounts when needed.
- They can approve or reject listings before publishing and moderate content to ensure quality.
- Review and remove inappropriate ratings and reviews to keep the platform fair.
- Send notifications or announcements to all users for updates or policy changes.
- Admins can access reports showing numbers of users, active spaces, and bookings.
- Manage logistics partner details to keep third-party services updated and reliable.
- Admins have a compliance window to review reports on users or spaces.
- Admin can deactivate or delete spaces for quality or compliance reasons.

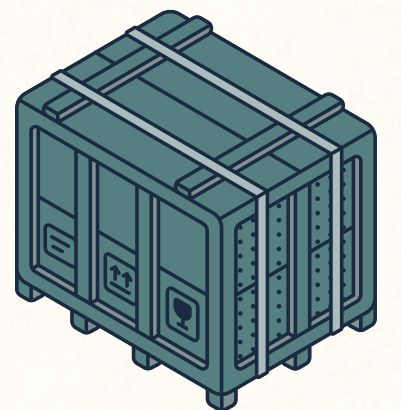


Functionalities

● Moving Company

Note: The Moving Company is a third-party partner. They do not interact with the system directly, but receive service requests and coordination details through the platform. *(Not a main user)*

- Receive Moving Request – The platform sends the renter's moving request details to the partnered company.
- Provide Moving Quote – The company supplies estimated costs based on service type, which the platform displays to the renter.
- Arrange Transportation – The company organizes the necessary vehicle and crew for the scheduled move.



Storyboard Sketch



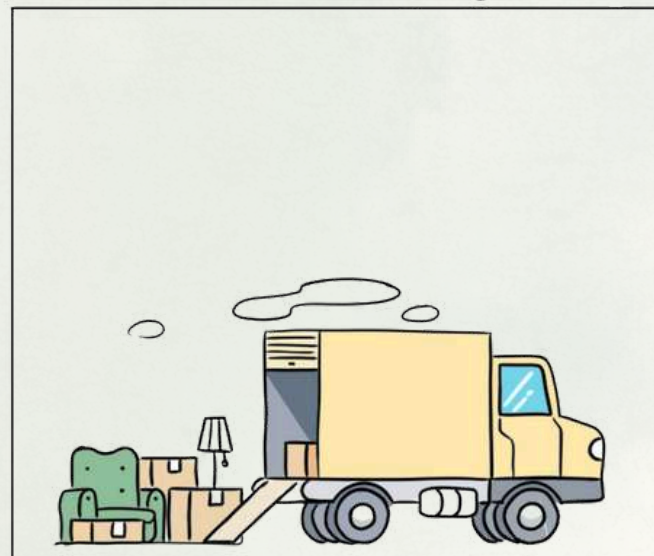
User realizes they need extra Storage Space for their belongings



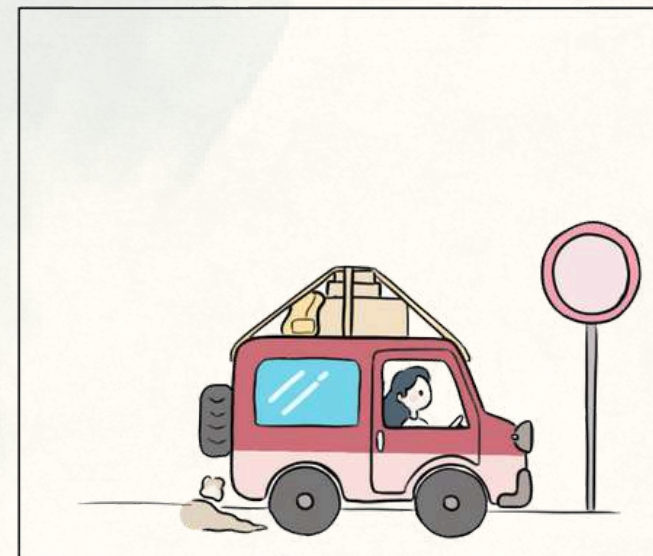
User browses the Storage rental website for available options



User finds a suitable Storage space and books it through the APP



User arranges for transportation to move their items to the Storage



User could ask for a Moving truck or move their belongings on their own



User successfully stores their items in the chosen Storage Space

▶ P.S. Done by our talented teammate, Dana!

Thank you!

