

REQUIREMENTS AND USER STORY BACKLOG

1.User Profiles:

- Public users can create profiles with a profile picture, username, contact email, and phone number.
- Users must obtain a registration key from their condo management company to become condo owners or rental users.

2.Property Management:

- Condo management companies can create profiles for properties, including name, unit count, parking count, locker count, and address.

3.File Management:

- Management companies can upload and manage condo files accessible to all condo owners, such as declarations, budgets, and meeting minutes.

4.Unit Information Management:

- Management companies can enter detailed information for each condo unit, parking spot, and locker, including unit id, size, owner, occupant information, and associated condo fees.

5.Financial System:

- Condo management companies can set condo fees per square foot and parking spot, with automatic calculations for each unit.
- Recording operational budget, costs, and generating annual reports.

6.Reservation System:

- Set up common facilities for reservations.
- Calendar-like interface for booking facilities with availability display.
- First-come-first-serve system for reservations.

7.Role Management:

- Set up different roles for employees, such as managers and finance personnel.

8.Request Management:

- Owners can submit various requests such as moving in/out scheduling, intercom changes, access requests, violation reports, and maintenance issues.
- Requests are assigned to corresponding employees with a notification system for users.

9.Community Features:

- Forum for users to post and reply.
- Event organization and invitations.
- Discounts and offers listing for property occupants.

10.Cross-Platform Accessibility:

- The app should be accessible on Android, iOS, Linux, MacOS, and Windows platforms.

11.Multilingual Support:

- The app should be available in English and at least one additional language.

12.Single Sign-On (SSO):

- Users should have the option to log in using their Gmail accounts or other Single Sign-On methods.

1		User Registration	
As a public user, I want to create a unique profile with profile picture, user name, contact email, and phone number, because I need access to the condo management app and website.			
User Management			
M	L	L	2

2		Registration Key for Condo	
As a public user, I want to input a registration key from the condo management company to become a condo owner in the system, because I want accurate ownership representation.			
User Management			
M	M	L	2

3		Registration Key for Rental	
As a public user, I want to input a registration key from the condo management company to become a rental user in the system, so that I can access rental-specific features.			
User Management			
M	M	L	2

4		Access to Condo Owner Dashboard	
As a condo owner, I want to access a dashboard with general information about my properties, including personal profile details, condo information, and financial status (i.e.remaining balance in terms of monthly condo fee payments), status of the submitted request because I need to stay informed about my property's status and financial obligations.			
User Management			
M	L	M	3

5		Property Profile Creation	
As a condo management company, I want to create a profile for each property under my management, providing essential details such as property name, unit count, parking count, locker count, and address, to maintain organized property records within the system			
Property Management			
M	L	M	3

6		Uploading Condo Files	
As a condo management company, I want to upload condo files for each property, including condo declarations, annual budgets, and board meeting minutes, ensuring accessibility to all condo owners for transparency and communication purposes.			
Property Management			
S	M	M	3

7		Entering Detailed Information for Condo Units	
As a condo management company, I want to enter detailed information for each condo unit, parking spot, and locker in a building, including unit ID, size, owner details, occupant information, and associated condo fees, to maintain accurate records and facilitate efficient management of the property.			
Property Management			
M	L	M	3

8		Sending Registration Keys to Users	
As a condo management company, I want to send registration keys to unit owners or rental users for their dedicated units, because it links their condo units with their profiles within the system, ensuring accurate representation of ownership and occupancy status.			
User Management			
S	M	M	3

9	Entering Condo Fees in Financial System		
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As a condo management company, I want to enter condo fees per square foot and per parking spot into the financial system, ensuring accurate calculation of fees for each unit.

Financial Management

M	L	M	3
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10	Automatic Calculation of Condo Fees
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As a condo management company, I want the financial system to automatically calculate and present the condo fee for each unit, based on the entered fee per square foot and per parking spot, providing transparency to unit owners regarding their financial obligations.

Financial Management

M	L	M	5
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11	Recording Operational Budget Details
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As a condo management company, I want to record operational budget details, including collected condo fees and costs for various operations, within the financial system, ensuring accurate financial tracking and management.

Financial Management

M	L	M	5
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12	Entering Costs for Each Operation
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As a condo management company,
I want to enter the cost for each operation conducted within the property into the financial system, because I want comprehensive tracking of expenses and budget allocation.

Financial Management

M	L	M	5
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13		Generating Annual Financial Report	
As a condo management company, I want the financial system to generate an annual report summarizing all condo fees collected for a given year, providing stakeholders with a clear overview of financial performance and expenses.			
Financial Management			
M	L	M	5

14		Setting Up Common Facilities	
As a condo management company, I want to set up common facilities such as a sky lounge and spa fitness within the reservation system, ensuring that residents have access to these amenities for their enjoyment and convenience.			
Reservation System			
M	L	M	5

15	Providing Calendar-Like Interface		
As a condo management company, I want the reservation system to provide a calendar-like interface for users to view and select available time slots for common facilities, allowing residents to easily book their desired times.			
Reservation System			
M	L	M	5

16		Displaying Availability of Common Facilities	
As a condo management company, I want the reservation system to display the availability of common facilities in real-time, enabling residents to see which time slots are open for booking and avoiding confusion.			
Reservation System			
M	L	M	5

17	First-Come-First-Serve Booking		
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As a condo management company, I want the reservation system to operate on a first-come-first-serve basis, ensuring fairness in booking common facilities for all residents.

Reservation System

M	L	M	5
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18	Automatic Marking of Facilities as Booked
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As a condo management company, I want the reservation system to automatically mark a facility as unavailable once it has been booked by a user, preventing double bookings and ensuring exclusive use of the facility during the reserved time slot

Reservation System

M	L	M	5
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19	Setting Up Roles for Employees
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As a condo management company, I want to set up different roles for employees responsible for the same property, such as managers for daily operations and finance personnel, to ensure efficient management of tasks and responsibilities.

Role Management

M	L	M	1
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20	Submitting Requests as Condo Owners
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As a condo management company, I want to submit requests for various purposes such as moving in/out, intercom changes, access requests, reporting violations, reporting deficiencies, or asking questions, to address issues or concerns related to the property.

Request Management

M	L	M	2
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21		Assignment of Requests to Corresponding Employees	
As a condo management company, I want each request submitted by a condo owner to be assigned to a corresponding employee based on the type of request, ensuring that it is addressed by the appropriate personnel in a timely manner.			
Request Management			
M	L	M	2

22	Notification Page for Users		
As a user, I want a notification page where I can see the latest activities in submitted or assigned requests, keeping me informed about the status of my requests and any updates or actions taken by the management team.			
Request Management			
M	L	L	2

23		Implementing Forum Feature	
As a condo management company, I want to implement a forum where users can post and reply, allowing for community engagement and communication among residents.			
Community Features			
C	M	M	5

24		Organizing Events Feature	
As a user, I want the ability to organize events and invite other occupants to attend, facilitating community-building and social interaction among residents.			
Community Features			
C	M	M	5

25		Listing Coupons and Offers	
As a condo management company, I want to list coupons and offers visible to all unit owners or rental users of a property, providing them with discounts and incentives to enhance resident satisfaction.			
Community Features			
C	M	M	5