



# DAR

Graduation Project

# Our Team



**Omar Alajaji**  
442102554



**Ibrahim Alhowaish**  
442101941



**Ziyad Alkhuzaim**  
442102598

Supervised by: Dr. Abdulrahman Alothaim

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# Introduction

- Transform the real estate landscape of Saudi Arabia.
- Response to the evolving digital era.
- Aspires to redefine the way property transactions unfold in the Kingdom.

# Objectives

- 
- 01 Providing a Good User Experience
  - 02 Enhancing Accessibility and Transparency
  - 03 Use of Dashboard for Decision-Making
  - 04 Aligning with Vision 2030

# Motivation

At the core of our project is a simple yet powerful motivation—revolutionizing the Saudi real estate landscape. Let's uncover the driving forces behind the DAR platform.



## Challenging Traditions

Breaking the mold of real estate resistance to tech. DAR challenges perceptions, demonstrating that technology can be a catalyst for positive change. We aim to inspire a broader adoption of digital solutions in the industry.

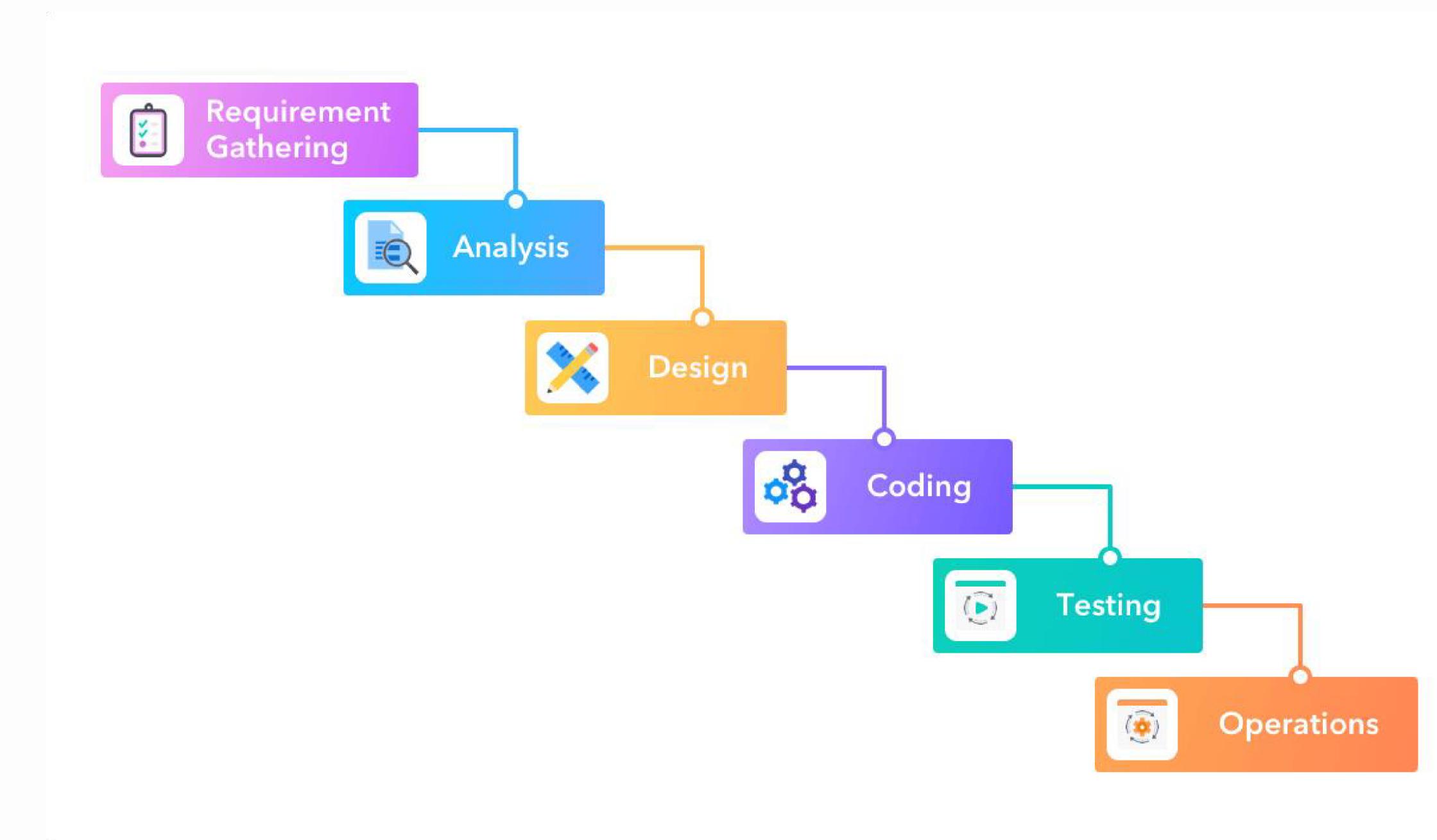
## Adapting to Digital Shift

Our behaviors have evolved towards digital platforms, including real estate. DAR aligns with this shift, providing user-friendly interfaces and comprehensive property information for a modernized experience.

## Data-Driven Insights

Harnessing the power of data for informed decisions. DAR stands out by providing valuable insights into market trends and investment opportunities, contributing to a more dynamic real estate market.

# Methodology



# Similar Solutions



is a Real Estate listing Platform, it allows users to post, buy, rent properties. it is the largest platform in Saudi Arabia, it uses an interactive map with search filters to find the property of your choice.



is a Real Estate listing Platform, it allows users to post, buy, rent properties, and offers real estate transaction logs. it is the Saudi Arabian platform; it uses a list with search filters to find the property of your choice.

# Aqar

الإيجار اليومي

بحث بالخريطة

مكتب تجاري

استراحة للإيجار

مزرعة للبيع

بيت للإيجار

استراحة للبيع

بيت للبيع

محلات للإيجار

عماق للبيع

شقق للبيع

فلل للإيجار

دور للإيجار

فلل للبيع

أراضي للبيع

إيجار

محل للإيجار في طريق عثمان بن عفان الفرعى ، حي الفلاح ، الرياض ، امارة منطقة الرياض

292,500 ريال

293 م²

معارض(ميراين) للإيجار في موقع مميز في حي الفلاح شمال الدائري الشمالي - على طريق امير المؤمنين عثمان بن عفان واجهه المعارض الغربية . معرض (3) اجتماعي المساحة = 292.5 متر مربع الأرض = 195 متر مربع ( 6.3 م عرض \* 31 م عمق ) الميزانيـ

أرض للبيع في حي الخبر ، الرياض ، حرمـلاـ

1,162,500 ريال

750 م²

أرض شارع ١٥ شمالي وشارع ١٠ غربى رقم رخصة فاـل للوساطـه والـتسـويـق: 1200015232

شقة للإيجار في شارع حبل قميـع ، حـي القـيـروـان ، الـرـياـض ، منـطـقـة الـرـياـض

70,000 ريال

150 م²

3 غرف نوم

3 حمامات

3 مطبخـات

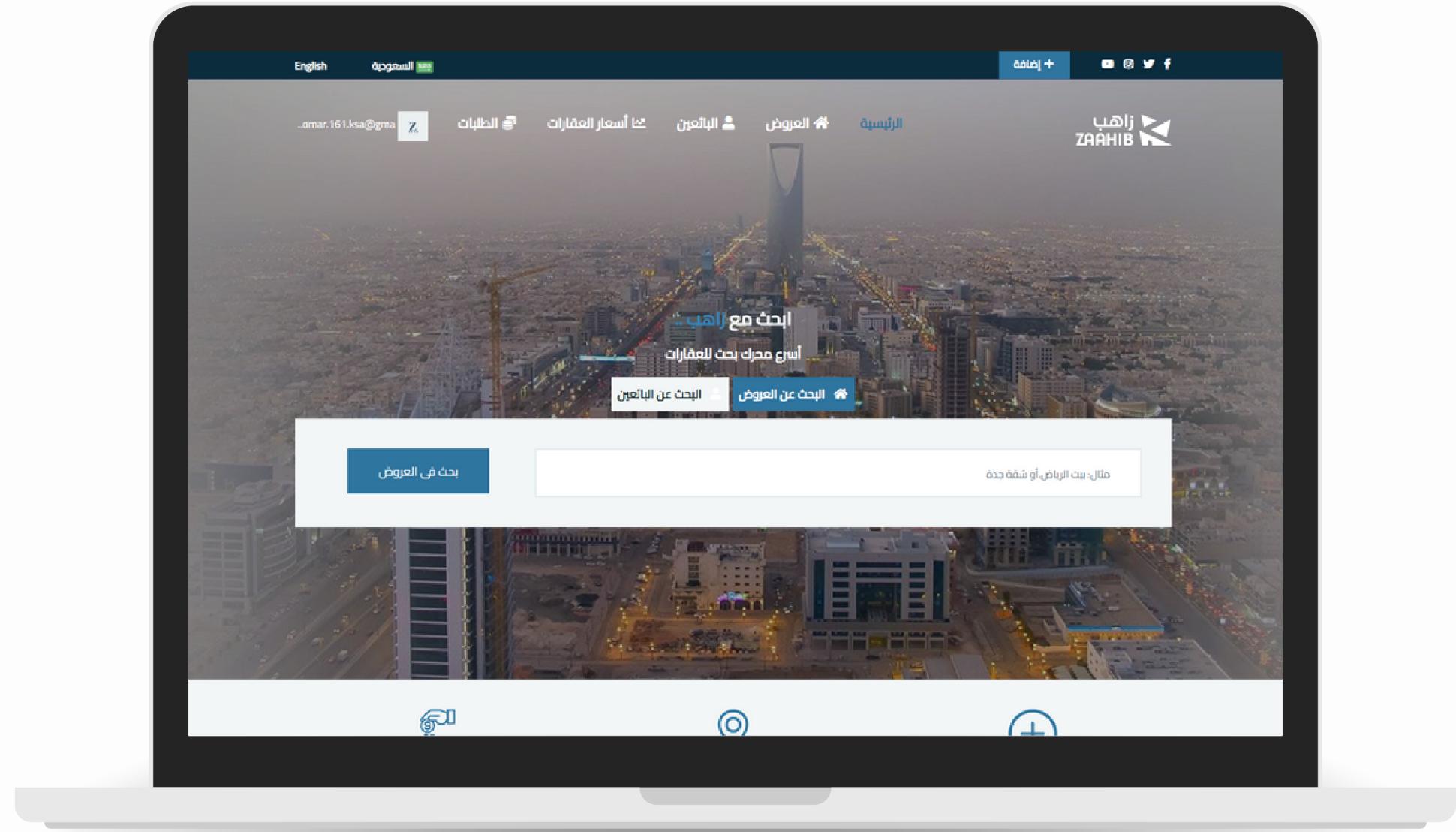
1 مدخل

3 مواقف

موقع مميز بـحي القـيـروـان قـرـيبـ من طـريقـ الـمـلـك سـلـمانـ شـقـةـ دـورـ أـرضـيـ مـدـخـلـيـنـ: 1ـ مدـخلـ مـسـتـقـلـ 2ـ مدـخلـ مـشـتـرـكـ مـوـقـفـ

خـاصـ أـمـامـ الشـقـةـ. مـكـيـفـاتـ رـاكـبـ 3ـ غـرـفـ نـومـ وـحدـةـ مـاسـتـرـ 3ـ دـورـاتـ مـاءـ صـالـةـ وـاسـعـةـ لـلـمـعيـشـةـ مـطـبـخـ نـظـامـ اـمـرـيـكـيـ رـاكـبـ جـدـبـ

# Zaahib



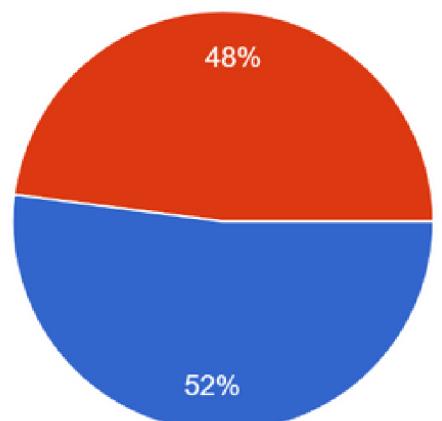
# Comparison Table

FEATURES	AQAR	ZAHIIB	DAR
Listing Properties	✓	✓	✓
Interactive Map	✓		✓
Transactions Dashboard			✓
Customizable Profile			✓
Validating FAL License	✓	✓	✓
FREE Posting		✓	✓

# Survey

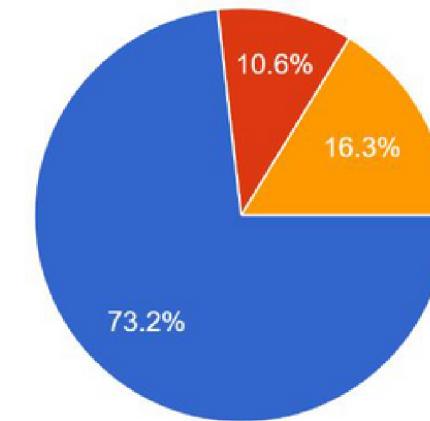
هل سبق أن استخدمت منصة لشراء وبيع وتأجير العقارات؟

123 responses



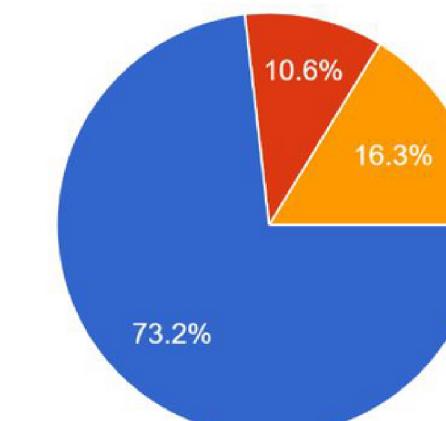
هل تعتقد أن منصات العقارات سوف يتم استخدامها بشكل أكبر من الذهاب إلى المكاتب العقارية؟

123 responses



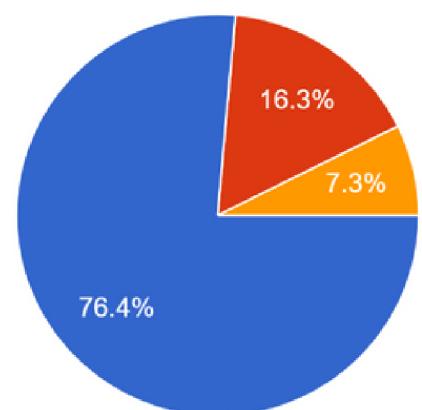
هل تعتقد أن المنصات العقارية سوف توفر للمستخدم الوقت؟

123 responses



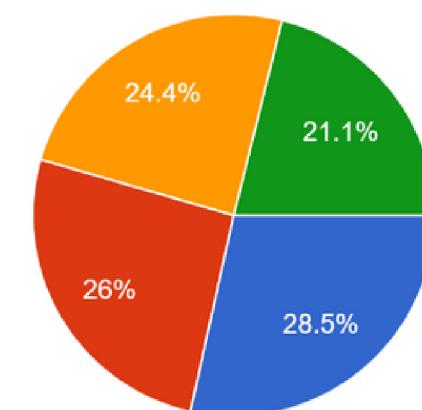
ما هي طريقة التواصل الأمثل مع مالك أو الوسيط العقاري (في وجهة نظرك)؟

123 responses



في حال كنت وسيط عقاري او مالك لعقارات عديدة ما هي المزايا التي تريدها في منصتنا؟

123 responses



- الإطلاع على متوسط أسعار الأحياء السكنية في لوحة معلومات رسومية إحترافية
- عرض العديد من العقارات دون حد
- إمكانية نشر صفحات الخاصة
- إضافة صور 360

# Functional Requirements

## User

### Should be able to:

- Create an account
- Log in to his account
- Log out from his account
- Update his account details
- Post a property
- Update his property post
- Delete his property post
- Use search filters
- Sort search results
- Display property details
- Save properties as favorites
- Share his profile link
- Share his posts
- Subscribe

## Subscribed User

### Should be able to:

- Same as normal User
- Customize his profile page
- Add his government licenses (FAL Brokerage License)
- View a real estate Transaction dashboard.

## Admin

### Should be able to:

- Delete inappropriate posts.
- Block a user
- View reports

# Non-functional Requirements



## Security

The system should only allow authorized users to access their data.



## User Experience

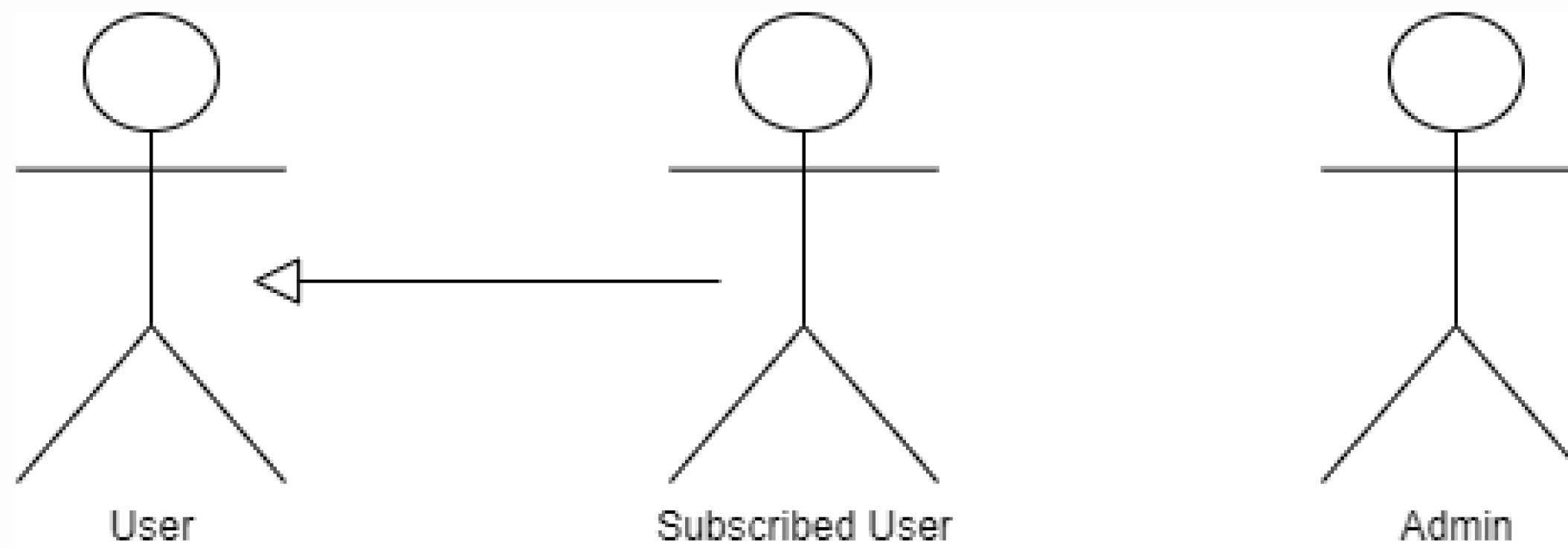
Ensure an intuitive and user-friendly interface.



## Availability

The system should be available 24/7.

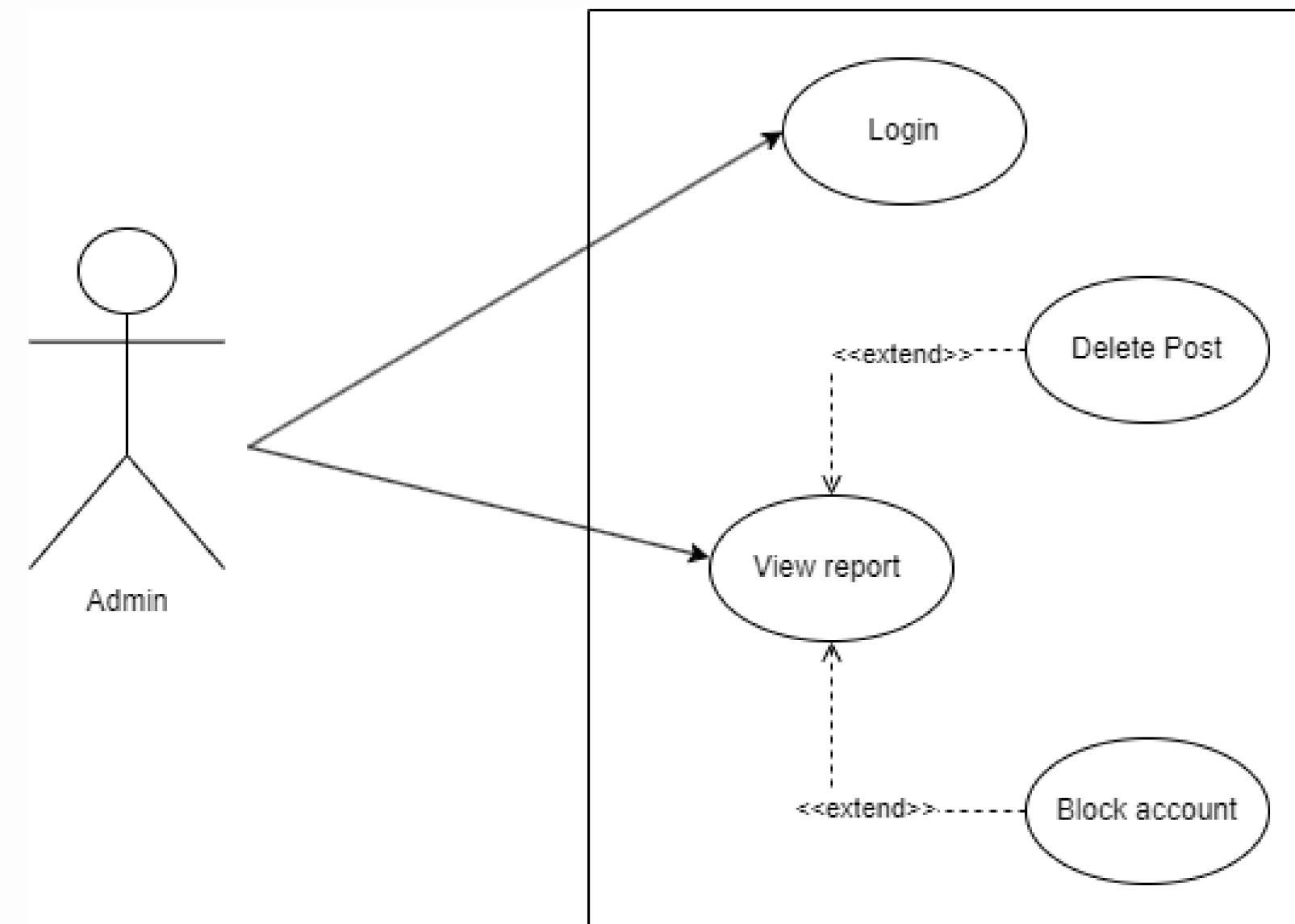
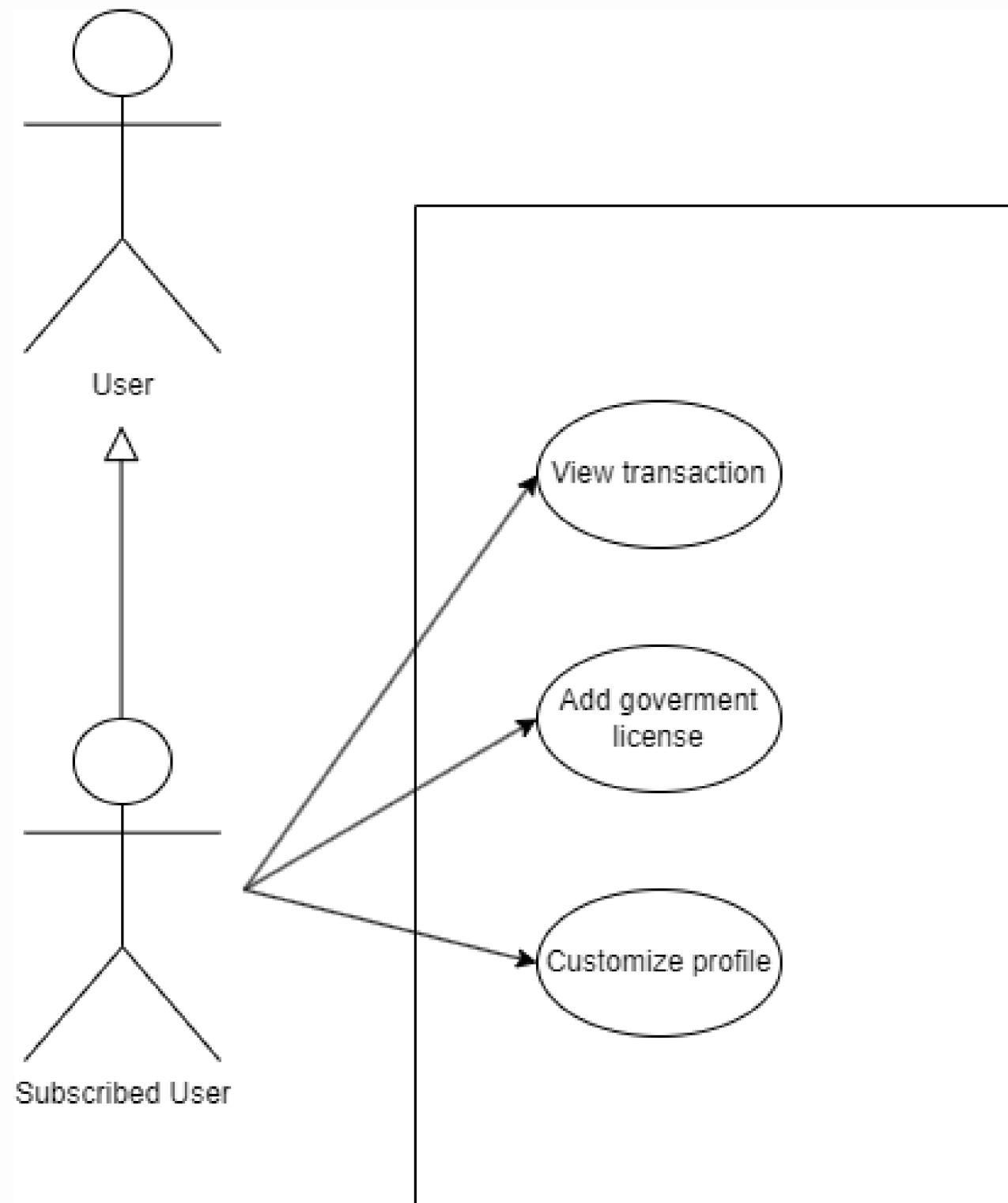
# Users



# Use Case Diagram



# Use Case Diagram (Cont.)

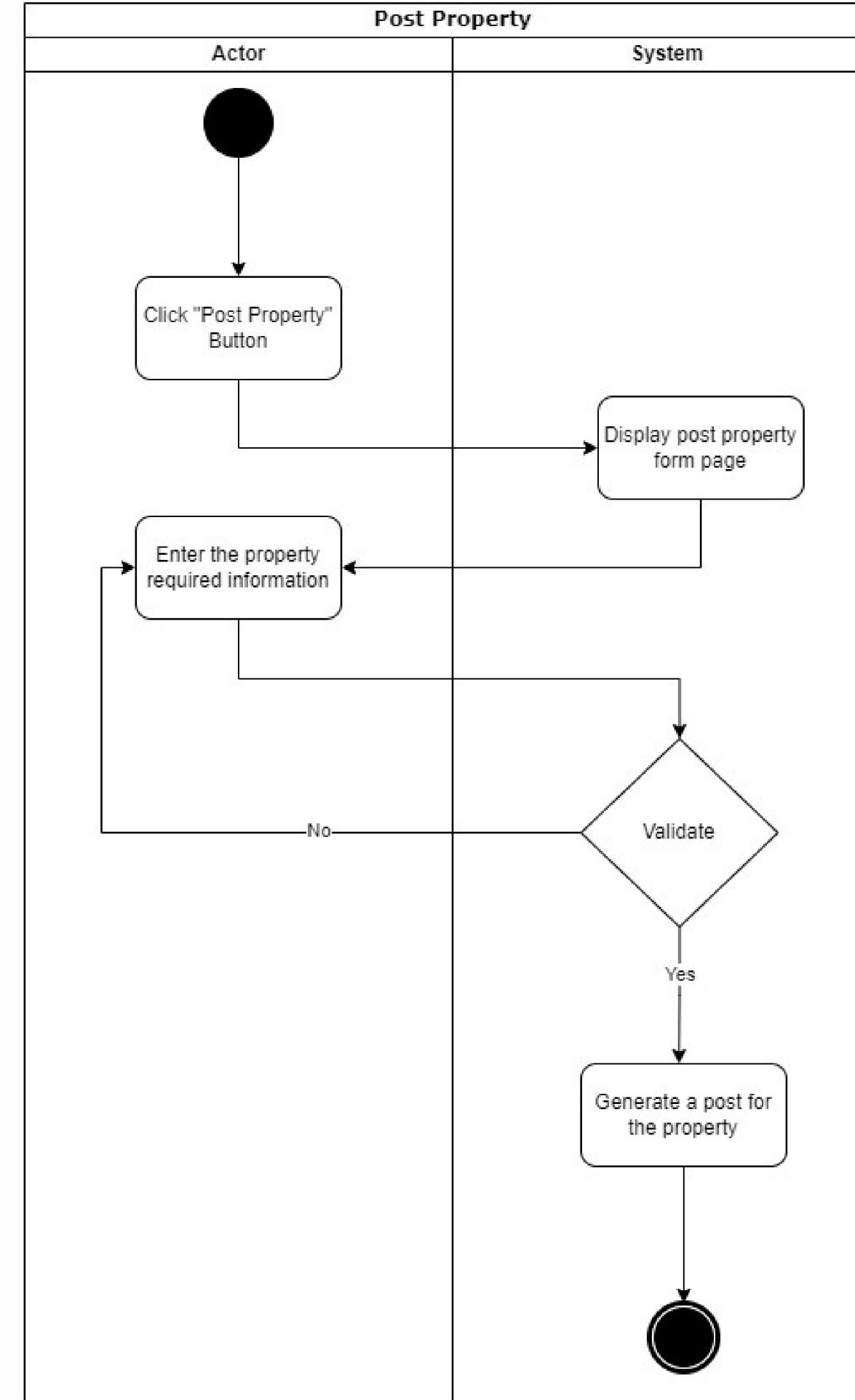


# Use Case Description

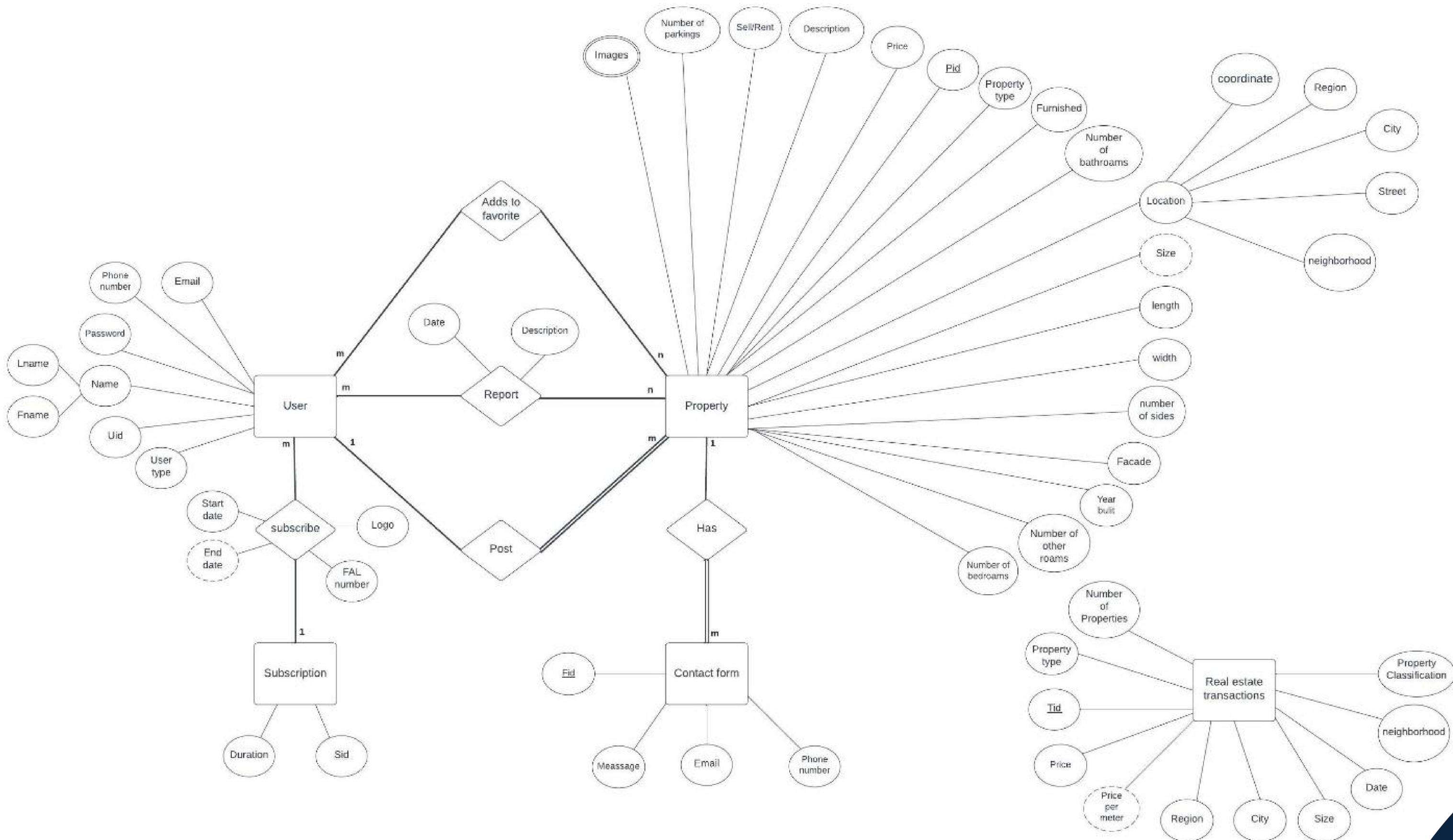
<b>Use Case Name</b>	<i>Post Property</i>	
<b>Scenario</b>	User post a property	
<b>Triggering Event</b>	A user wants to post a property	
<b>Brief Description</b>	A user wants to post a property in his profile.	
<b>Actors</b>	<ul style="list-style-type: none"><li>- User</li><li>- Subscribed User.</li></ul>	
<b>Related Use Cases</b>	None.	
<b>Preconditions</b>	<ul style="list-style-type: none"><li>- Property subsystem must be available.</li></ul>	
<b>Postconditions</b>	<ul style="list-style-type: none"><li>- Property must exist on the website and saved.</li></ul>	
<b>Flow of Activities</b>	<b>Actor</b>	<b>System</b>
	<ol style="list-style-type: none"><li>1. User clicks on post property button.</li><li>2. User enters property information the form.</li></ol>	<ol style="list-style-type: none"><li>1.1. System displays property form.</li><li>2.1. System validates information.</li><li>2.2. System uploads the property.</li></ol>
<b>Exception Conditions</b>	2.1. Invalid property information.	

# Activity Diagram

## Post Property



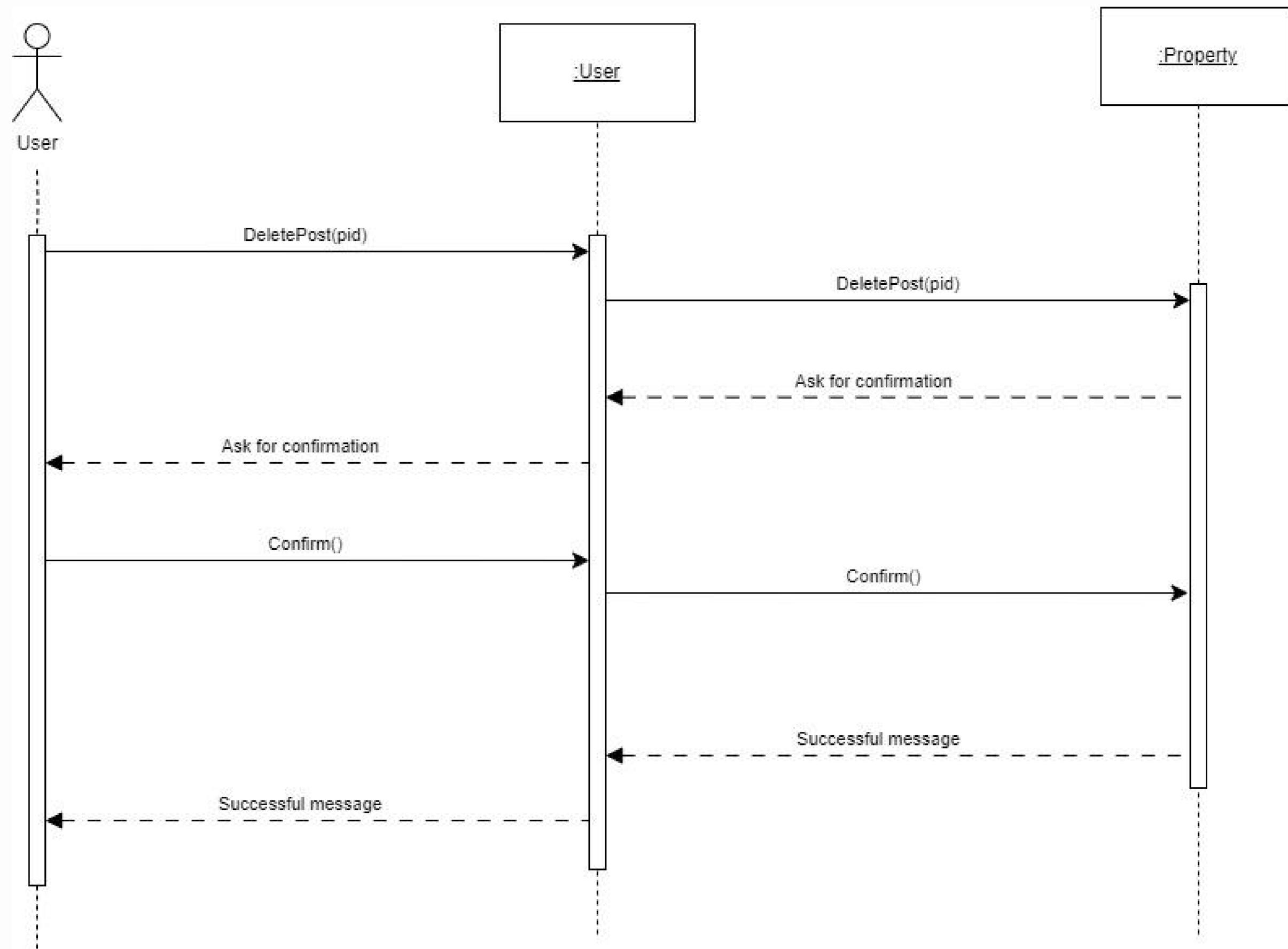
# Entity Relationship Diagram (ER)



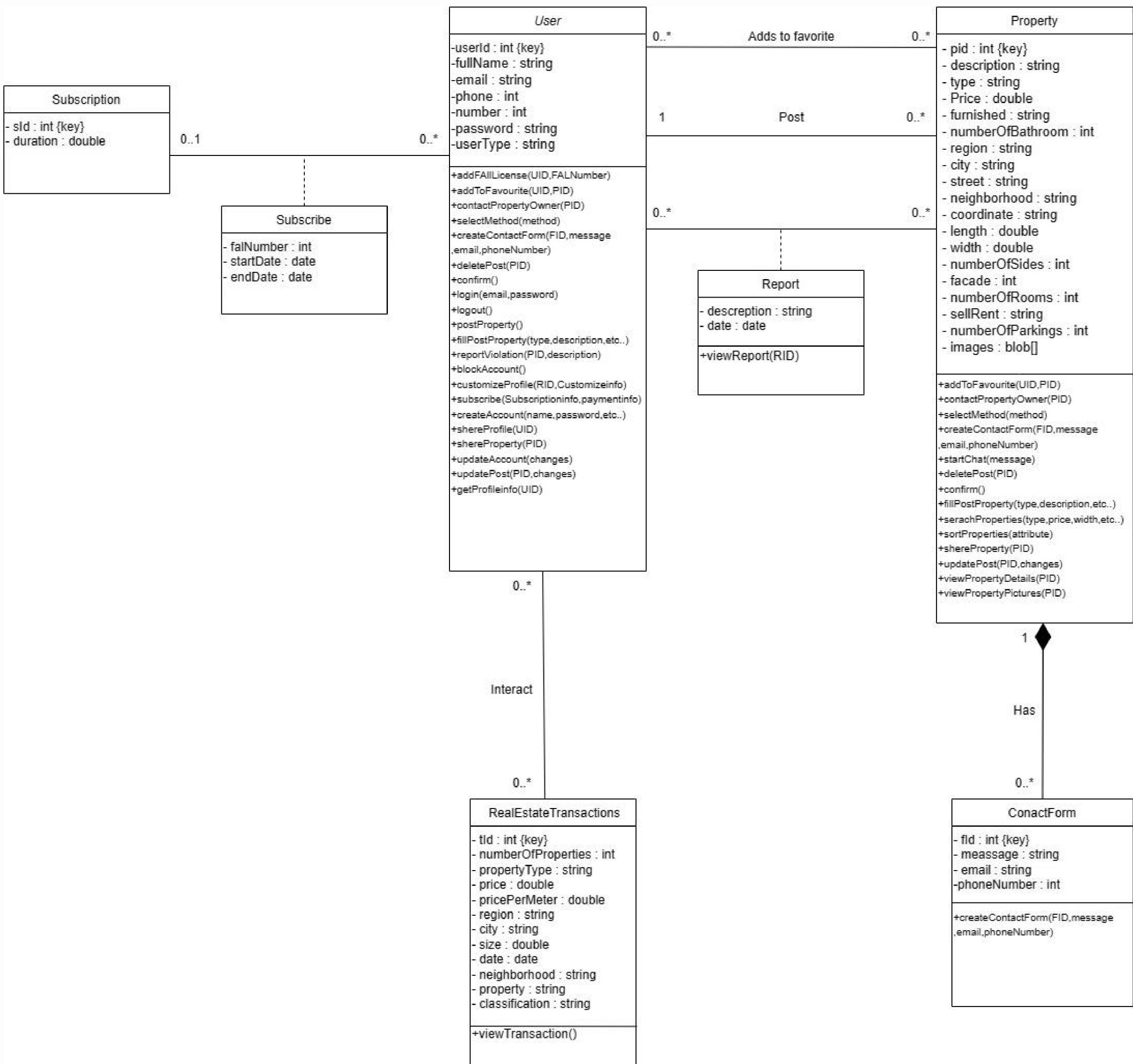
# Relational Schema



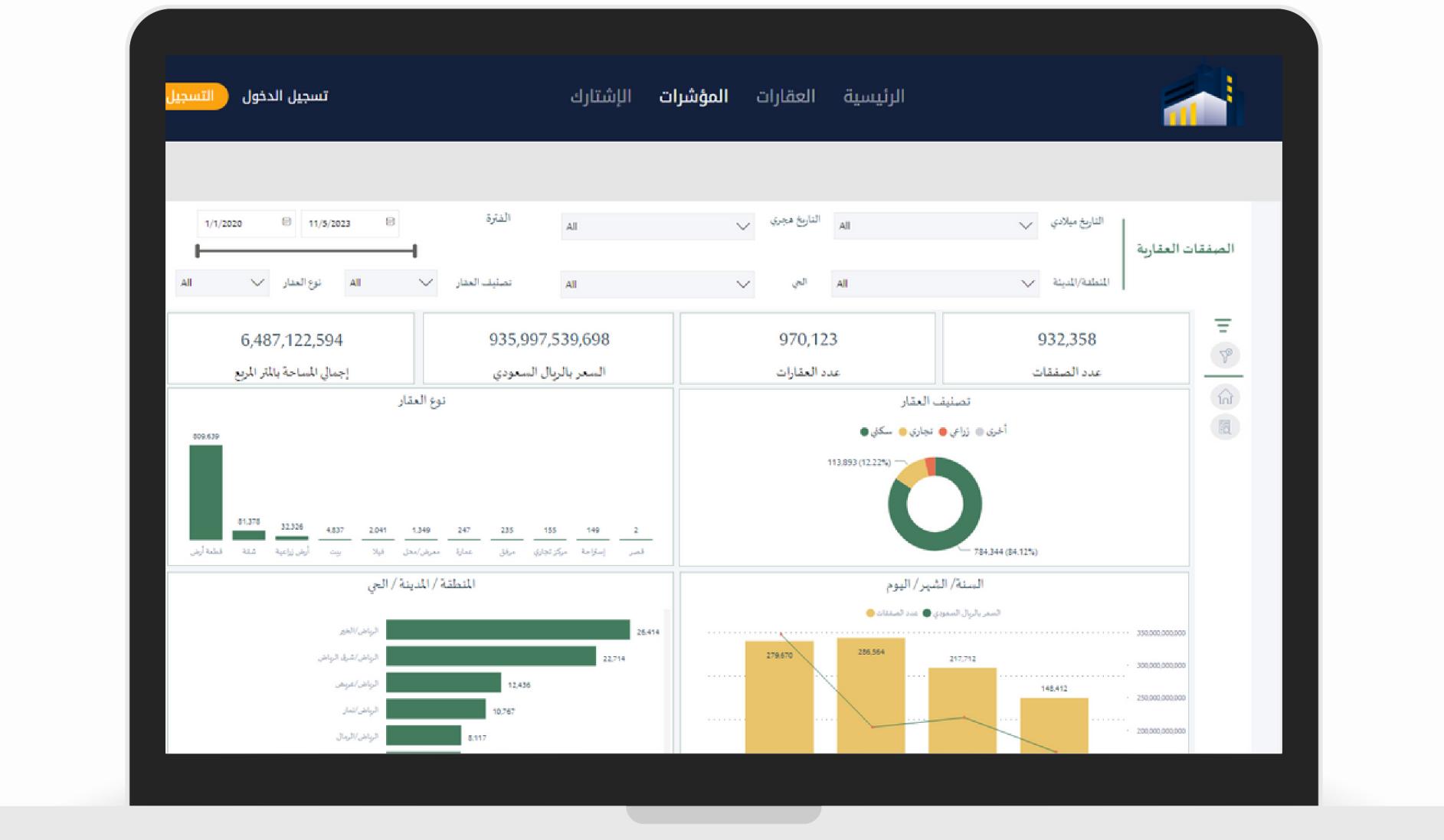
# Sequence Diagram (SD)



# Class Diagram



# Demo



# Lesson Learned

- Planning.
- Only having meetings when it's needed
- Collaboration and Team Work.
- Small things make difference.

# Thank You