

SRS ↗

Software
Requirements
Specification

Project name:

Howse

Prepared by:

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Live version: 1.0

1. Introduction

1.1 Purpose

This document describes the requirements of Howse platform , User flow , data base schema and more.

1.2 Scope

Howse is a platform that where you can **found** or **sell** the best fit real state for you with the fastest and best way.

In scope	Out of scope
<ul style="list-style-type: none">• Platform for all end customer• 3D service for end customer• Management System for owner	<ul style="list-style-type: none">• .

1.3 Definitions

Administrator	Application Programming Interface – a set of rules that allows different software components to communicate.
Contractor	Some user who want to sell its own house
Agency	Real Estate Office, dealer , residential complex
Buyer	The end customer

2. Overall description

2.1 Product perspective

It's a service that come up to the realstate market with a new and modern tech in pourbes to feed the Iraqi market for its huge gaps , fast growth and market probleems , by using the most new tech services in this market ([matterport](#)) and the local market as a beginng.

2.2 Product features

platform	Tech service	Profile and Mangement
The all avail realstates	Offering Added value	Custom more than one realstate in one place and mange them

2.3 User classes and characteristics

User class	Description	Experience level	Frequency of use
Administrator	Mange the all system	Advanced	 High
Contractor	How is sub to the lower palm	Low	 Low
Agency	...	High	 Low
Buyer	Login register , bowers	Medium	 High

3. Functional requirements

3.1 User registration

- The user enter its information.
 - Click send OTP.
 - Enter the code.
 - Register.
-

3.2 Login

- Enter credentials.
 - Redirect depends on has role.
-

3.3 password reset

- Received OTP.
 - Enter new password with the OTP.
-

3.4 Profile management

- Change information.
-

3.5 3D tour Service

- Ifram to show.
 - Create , edit, Delete by external service app.
 - Delete internally .
-

3.6 Sub

- Created by Sub to an avail plan.
 - Read, Update, Delete (By Admin).
-

3.7 management By admin

- User CRUD and Deactivating
- Palns CRUD

3.8 Currency management

- Change information.
-

3.9 Rents offers

- Ifram to show.
 - Create , edit, Delete by external service app.
 - Delete internally .
-

3.10 property Mangment

- Created by Sub to an avail plan.
- Read, Update, Delete (By Admin).

3.11 property categories Mangment

- Ifram to show.
 - Create , edit, Delete by external service app.
 - Delete internally .
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3.10 saves

- Created by Sub to an avail plan.
- Read, Update, Delete (By Admin).

4. External interface requirements

4.1 User interfaces	<ul style="list-style-type: none">• Web dashboard• Mobile Provided by the external service
4.2 Software interfaces	<ul style="list-style-type: none">• OTP service (IQOTP) https://docs.otpiq.com/• 3D tour Service (Mattport) http://matterport.com/developers?srstid=AfmBQoppnLb2rD7q7SrQYyqomcYa4_Ri4NqlE5KEcok9RrqRioemoqbP• Payment service (WAYL) https://api.thewayl.com/reference

5. Non-functional requirements

5.1 Performance requirements	1000 concurrent users 50 Image X 2 Floor X 500 tour = 50 000 Total Images
5.2 Safety requirements	External Service limite
5.3 Security requirements	<ul style="list-style-type: none">• Passwords must be hashed.• Role-based access control must be implemented.

6. High level architect

Use this section for the system's functional requirements. Describe features, behaviors, and interactions that fulfill user needs or business rules.

3.1 User registration

- The system shall allow users to register using an email address and password.
 - The system shall validate that the email address is unique before creating an account.
 - Add more as needed
-

3.2 Functional requirement 2

- The system shall [add a description of the feature]
 - The system shall [add a description of the feature]
 - Add more as needed
-

3.3 Functional requirement 3

- The system shall [add a description of the feature]
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-

3.4 Add as many as needed

7. Data Base schema

8. User Flow

9. Api Desing

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Howsee.Domain ERD

