

FUNCTIONAL REQUIREMENT DOCUMENT

Project: Real Estate Management System (REMS)

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1. Introduction

1.1 Purpose of the Document

The purpose of this Functional Requirement Document (FRD) is to define the detailed functional requirements of the Real Estate Management System (REMS). This document describes how the system will function to meet the business requirements outlined in the Business Requirement Document (BRD).

1.2 Scope of the Document

This document covers the functional behavior of the Real Estate Management System, including user roles, system features, workflows, and interactions for Admin, Agent, and User roles.

2. System Overview

The Real Estate Management System (REMS) is a web-based application designed to manage property listings, user interactions, and administrative operations for real estate businesses. The system enables administrators to manage the platform, agents to manage property listings, and users to search and interact with properties efficiently.

3. User Roles

3.1 Admin

- Manage users and agents
- Approve or remove property listings
- Configure system settings
- View system reports and dashboards

3.2 Agent

- Create, update, and delete property listings
- Manage own profile
- Respond to user inquiries
- View messages from users

3.3 User

- Register and log in
- Search and view properties
- Rate properties
- Contact agents

4. Functional Requirements

FR-01: User Authentication

- The system shall allow users to register using email and password.
- The system shall allow users to log in and log out securely.

FR-02: Property Management

- The system shall allow agents to add new property listings.
- The system shall allow agents to update or delete property details.
- The system shall allow users to view property details.

FR-03: Search and Filter Properties

- The system shall allow users to search properties by location, price, and type.
- The system shall display filtered results based on user input.

FR-04: User Communication

- The system shall allow users to send inquiries to agents.
- The system shall notify agents when a new message is received.

FR-05: Admin Management

- The system shall allow admins to manage categories, tags, and property features.
- The system shall allow admins to manage user roles and permissions.

5. Non-Functional Requirements

- The system shall support at least 100 concurrent users.
- The system shall ensure data security through authentication and authorization.
- The system shall be user-friendly and responsive across devices.
- The system shall have an uptime of 99%.

6. System Constraints

- The system will be developed using Laravel framework.
- The system must be accessible through modern web browsers.
- Internet connectivity is required to access the system.

7. Assumptions

- Users have basic knowledge of using web applications.
- Agents will maintain accurate and updated property information.
- The system will be hosted on a secure cloud environment.

8. Approval

Name	Role	Signature	Date
Project Sponsor	Project Sponsor	-----	-----
Ankitha G Bangera	Junior Business Analyst	-----	-----