
Software Requirements Specification

for

REAL ESTATE MANAGEMENT SYSTEM

Version 1.0 approved

Prepared by Fathima Shafeek

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Revision History

Name	Date	Reason For Changes	Version

1. Introduction

1.1 Purpose

Online Real Estate Management System is a web-based application related to online application estate. Main concept is to give best and quick result to the user.

1.2 Scope

The website is an online real estate management through which individual agents or buyer can maintain their property document keeping and managing property registration and also access its information and manage all the adding, updating, deleting the as and some of its tasks.

1.3 Definition, Acronyms and Abbreviations

- ☐ User- A registered individual who visits the website and owns an account in the website.
- ☐ SQL- Abbreviation of structured query language. SQL is a standardized query language for requesting information from a database.
- ☐ UserId- UserId must be unique and minimum 8 characters and maximum of 15 characters.
- ☐ Password-Unique word given to each user as a secret code

1.4 References

Not Applicable

1.5 Overview

The main objective of this system is to give idea of e-property. Generally, when we want to buy/sell property some of us go to real estate professionals. These real estate professionals collect all the details which we are interested in. These details are collected manually and may lead to some problems like misplacing etc. In order to avoid these problems, e-property has been developed.

2. Overall Description

2.1 Product Perspective

Real Estate Management is a replacement for ordinary real estate management which depend on paper work, more time and money.

2.2 Product Functions

System must save time and money, reduce rework and improve requirement accuracy. Early validation and agreement by stakeholders mean development and quality teams less time on rework.

2.3 User Classes and Characteristics

Admin's interface- Admin is a person who will handle the entire website. manage all the adding, updating, deleting the as and some of its tasks.

User's Interface-User can visit the homepage of the system in which first the introduction of our site is mentioned. User can search the product and select the same.

2.4 General Constraints

GUI is only in English.

- Login and password are used for identification of customer and there is no facility for guest.
- This system is working for single server.
- There is no maintainability of back up so availability will get effected.
- Limited to HTTP/HTTPS.

2.5 User Documentation

<List the user documentation components (such as user manuals, on-line help, and tutorials) that will be delivered along with the software. Identify any known user documentation delivery formats or standards.>

2.6 Assumptions and Dependencies

1. The details related to the product, customer, payment and service transaction provided manually.
2. Administrator is created in the system already.
3. Roles and tasks are predefined.

3. External Interface Requirements

3.1 User Interfaces

- 1) Name of use case: Sign in

Description: Accessing the user account

Preconditions:

- There should be an existing account of the user.

- 2) Name of use case: Sign up

Description: Creating a user account

Preconditions:

- Knowledge about the website?
- Existing database ready to accept the details of the user?

- 3) Name of use case: Create account

Description: Creating a user account

Preconditions:

- Knowledge about the website?
- Existing database ready to accept the details of the user?

4) Name of use case: Profile

Description: Showing user information

5) Name of use case: Change password

Description: Creating a new password

Preconditions:

- There should be an existing password?

4. Hardware Interfaces

- Hardware specifications.
- Server
- Processor.
- Ram
- Hard disk

4.1 Software Interfaces

- Client on Internet: Web Browser, Operating System (any)
- Client on Intranet: Client Software, Web Browser, Operating System (any)
- Web Server: WAS, Operating System (any)
- Data Base Server: DB2, Operating System (any)
- Development End: PHP

5. System Features

- The System Which Will allow the user to quickly and easily search a property for buy and Sell.
- The register user can upload his property for sale or rent out.
- The System is design and developed in such way that it tries to overcome all the prescribe problem.
- The system being an online system will give accurate information regarding the property which helps to view all the stuff information directly from anywhere

6. Other Nonfunctional Requirements

6.1 Performance Requirements

- Manage a Significant Capital Commitment
- Control Linkage Between Overall Corporate Performance and Real Estate Performance
- Efficiently Manage Overall Costs
- Manage Dynamic Nature of Acquisition and Disposition
- Allow Efficient Collaboration Across Entire Real Estate Lifecycle
- Manage Compliance and Regulatory Risks

6.2 Safety Requirements

- Meet regulatory compliance issues with Fire and Life Safety solutions for multi-family residential and multi-unit commercial properties
- Comprehensive risk assessment service
- Systems installation, software, online services and support

6.3 Security Requirements

- Complete security solutions and systems for property management and building management
- Around the clock property management, security systems and monitoring

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3.2 Use-Case Diagram

3.2.1 ADMIN Use-Case



