

Software Requirements Specification

Version 1.0

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Real Estate Office System

Raghad Al-Ali

Haider Ibraheem

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<< Any comments inside double brackets such as these are not part of this SRS but are comments upon this SRS example to help the reader understand the point being made .

Refer to the SRS Template for details on the purpose and rules for each section of this document.

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1.0.Introduction

1.1.Purpose

The purpose of this document is to present a detailed description of the Real Estate Office System . It will explain the purpose and features of the system , the interfaces of the system , what the system will do , the constraints under which it must operate and how the system will react . This document is intended for the developers of the system .

1.2.Scope of Project

The software system will be a Real Estate Office System for owner of Real Estate Office . This system will be designed to maximize the owner's productivity by providing tools to assist in automating the offers of the real estates selling and hiring , which would otherwise have to be performed manually. By maximizing the owner's work efficiency and production, the system will meet the owner's needs remaining easy to understand and use .

This system is designed to allow an owner of the real estate to manage and communicate with owners of the real estates and clients to adjust selling and hiring completely . The software will facilitate communication between the owners of estates ,the clients and the owner of the real estate .

The system also contains a relational database containing a list of owners of estates ,clients .

1.3. Glossary

Term	Definition
owner of real estate	the person who manage the real estate and take over the selling and hiring
owner of estate	the person who has estate and will sale it in the real estate
Adjust	The assortment between owner of the estate and client for selling or hiring
Client	The person who need to buy or hire an estate by real estate
database	Collection of all the information monitored by this system

1.5. Overview of Document

The next chapter , the overall description section , of this document gives an overview of the functionality of the product.

It describes the informal requirements .

2.0. Overall Description

2.1. System Environment

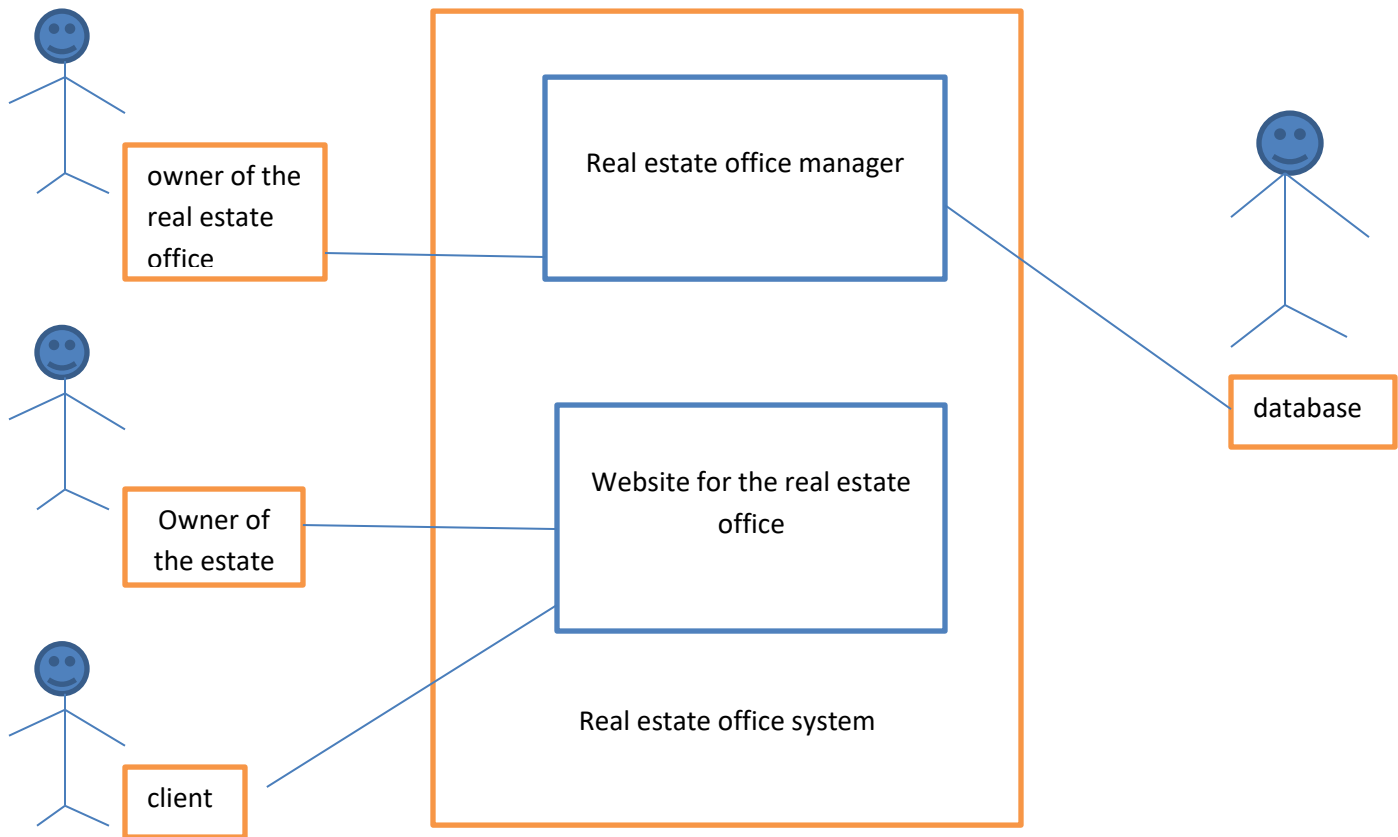


Figure 1 - System environment

The real estate office system has three active actors and one cooperating system.

The owner of the real estate office accesses the system directly.

The client and the owner of estate access the website for the real estate office through the internet.

The client and the owner of the estate communicate with the system by talking with the owner of the real estate office face to face and explain what they want.

<<there is a need to communicate with the owner of the real estate office because he is the only person who can manage,control,add,delete and modify this system as well as the client can search in this system before communicating with the owner of the real estate office>>

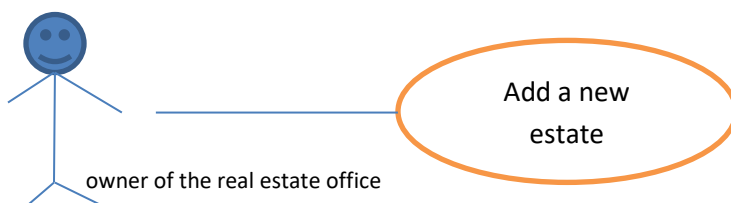
2.2. Functional Requirements Specification

This section contains one usecase for each actor in this system including the owner of the real estate office ,the client and owner of the estate

2.2.1. owner of the real estate office usecase

Usecase: add a new estate to this system

Diagram:



Brief Description :

owner of the real estate office enters complete information about a new estate

Initial Step-By-Step description:

Before this usecase can be initiated , the owner of the real estate office has already accessed the main page of the real estate office manager

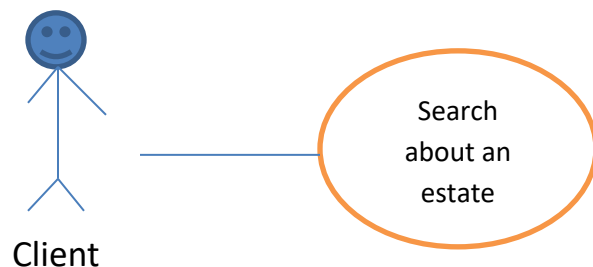
- 1- The owner of the real estate office selects to add a new estate
- 2- The system shows a page to fill it with information about the new estate
- 3- The owner of the real estate office fills the blanks in the page
- 4- The system verifies the information and returns the owner of the real estate office to the real estate office manager main page

Xref:

2.2.2. *client usecase*

Usecase : search about an estate

Diagram:



Brief Description : the client can search about the desired estate in this system .

Initial Step-By-Step description:

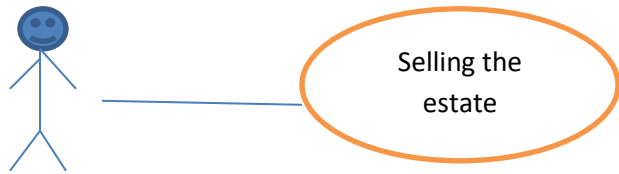
- 1- The client opens the website for the real estate office
- 2- At search cell , the client writes the specifications of the wanted estate
- 3- The system displays the estates that include the wanted specifications

Xref :

2.2.3. *owner of the estate usecase*

Usecase : selling his estate

Diagram :



Brief description : the owner of the estate sells his estate in this system by communicate with the owner of the real estate office

Initial description : before this usecase can be initiated , the owner of the estate has already been in the real estate office

- 1- The owner of the estate talks to the owner of the real estate office about his estate and explains information for this estate
- 2- The owner of the real estate office accesses the main page of the real estate office manager
- 3- the owner of the real estate office adds all information about the owner 'estate to this system
- 4- The system verifies the information and returns the owner of the real estate office to the real estate office manager main page

Xref :

2.3. user characteristics

The client is expected to be Internet literate and be able to use a search engine .

the owner of the real estate office and the owner of the estate are expected to be Internet literate .

the owner of the real estate office , the client are expected to be windows literate and to be able to use button , pull – down menus and similar tools .

2.4. Non-functional requirements

The website for real estate office will be on a sever with high speed Internet capability .

The real estate office manager will run on the owner of real estate office ' s personal computer and will contains a database.

3.0.Requirement specification

3.1.External Interface Requirement

The only link to an external system is the link to the database that exists in this system.