Business Requirements Document

Real Estate Website

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# Executive Summary

This Business Requirements Document (BRD) outlines the requirements for the Real Estate Website where it may add value for their prospective clients by offering insightful information that will help buyers and sellers in navigating the purchasing or selling process.

This document is used to determine what needs to be done, and as a starting point for requirements and solution design.

# Project Description

Requirements include developing Services and Admin application(Web) for the Real Estate Website.

This document contains both functional and non-functional requirements, to enable the buyers to search for property listings online

# Project Scope

The Real Estate website has a project scope where the admin can manage appointments, property types and mostly control the whole website, the owner is the one who is responsible to create property, communicate to clients and handle information about the properties. And the client can browse properties and request an appointment.

## In Scope

The following areas are in the scope for this project:

Web Services

* Login/Logout
  + Identity JWT enabled
* Client
  + View information of properties
  + Contact owners
  + View and request appointment on a specific owner
* Owner
  + View information of properties
  + Respond to clients
  + Create their own Schedule.
  + Create and Edit Properties

Admin Application(Web)

* Login/Logout
  + Profile
  + Change password
* Dashboard
  + List of appointment
* Manage Clients/Owners
  + CRUD
  + Pagination
  + Search
* Manage Properties
  + Create Properties
  + Update Properties
  + Delete/Disable Properties
  + List Properties
* Manage List of Property Categories
  + Create Properties
  + Update Properties
  + Delete/Disable Properties
  + List Properties
* Manage List of Sale or Rent Categories
  + Create Properties
  + Update Properties
  + Delete/Disable Properties
  + List Properties

## Out of Scope

The following areas are out of scope for this project:

* Integrating the client comments and ratings, email notifications, google map

# Current Process

Currently, a real estate agent offers and sells land or a property to clients. They show and explain the property's features to the client during a tour. While our proposed solution is to create a platform which the clients can straightforwardly see the information and details of the property through the web application.

# Functional Requirements

## Priority

The requirements in this document are divided into the following categories:

Security Officer Application

| **Item** | **Rating** | **Description** |
| --- | --- | --- |
| Login/Logout | High | User will be able to login with his provisioned account details. |
| Dashboard for Admin | High | Dashboard screens list the clients, agents, appointments and properties. |
| List of Clients/List of Agents | High | List of clients/agents which can be used for managing the CRUD operations |
| List of Properties | High | Allows Admin to create and manage the properties.  Agent and client can view the properties informations |
| Profile | High | View/Edit of clients, agents and admin |

Rest API Real Estate Web Application

| **Item** | Rating | Description |
| --- | --- | --- |
| Login/Logout | High | Clients, agents and admin will be able to login and logout with their provisioned account details. |
| Access Properties to perform CRUD operations | High | API’s to access the Properties and perform CRUD operations |

Non-Functional Requirements

| **Item** | Rating | Description |
| --- | --- | --- |
| External 3rd party Application API | Low | Allow real estate website to expose api’s specific to 3rd party tools to consume and list todos. |

# Glossary

*This section explains all of the terms and abbreviations that were used in this document, for those who are unfamiliar with them. Not everybody who reads this document will understand all of the terms, so this section is helpful.*

| **Term** | **Explanation** |
| --- | --- |
| CRUD | Create , Read , Update and Delete |
| JWT | JSON Web Token (JWT) is an open standard that defines a compact way for securely transmitting information between parties as a JSON object. |
| API | ASP.NET Web API is a framework that makes it easy to build HTTP services that reach a broad range of clients, including browsers and mobile devices. ASP.NET Web API is an ideal platform for building RESTful applications on the . NET Framework. |

# References

*This section contains links to all other places that were referred to in this document. These may include:*

* *Documents on shared document control systems (such as SharePoint)*
* *Web sites*
* *URLs or network locations*

| **Name** | **Link** |
| --- | --- |
| Lamundi | https://www.lamudi.com.ph/journal/real-estate-documents-you-should-always-keep-in-mind/ |
| Full Calendar | https://fullcalendar.io/docs |
|  |  |
|  |  |
|  |  |

# Appendix

*This section may include any other information that does not fit in the document above. This may include:*

* *Details of the processes*
* *Analysis of existing process and benefits for the Business Drivers section.*
* *Any other information you might need*

*Beware of overloading this document with information. Preferably, any extra documents should be created separately and linked to, rather than embedding, as it is better for file sizes and version control.*

# Document History

*This section details the history of the document at each version. It’s good to know what has changed in each version, by who, and when it happened.*

| **Version** | **Date** | **Changes** | **Author** |
| --- | --- | --- | --- |
| 0.1 | 03/27/2023 | * Started creating the Business Requirements Document | Mark Kim Blas  Delson James Tubiera |
| 0.2 | 03/28/2023 | * Changed the term agents to owners in the BRD * Changed the Current Process | Mark Kim Blas  Delson James Tubiera |
| 0.3 | 04/25 /2023 | * Updated the Glossary * Updated the References * Updated the list in Admin Application * Updated the list in Web Services | Mark Kim Blas  Delson James Tubiera |