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# Introduction

The Document contains the Functional Requirements and Non- Functional Requirements about the project Real Estate Application.

# Terms, Acronyms, and Abbreviations

# N = Non-functional Requirements.

FREQ = Functional Requirements

# General Description

The purpose of the product is to provide the information about the available properties such as house, condominiums and apartments. Where admin can post the information and images about the properties and user can see the available properties.

# Product Requirements

# Non-Functional Requirements (performance, security, capacity, reliability, etc.…)

N1- Security: The details entered the application shall not be viewed by a third party.

N2- Performance: The system response time shall be in milli seconds. Its navigational abilities shall be smooth.

N3- Reliability: The application shall work under predefined conditions such as internet connection, authentication and authorization

N4- Modifiability: Since the code is dynamic and follows Model-View-Controller patterns and respects Object oriented design, modifications and adding new features shall be relatively easy.

N5- Reusability: Code shall be written for authenticating the users to view different kinds of properties such as Apartments, condos, independent houses.

N6-Scalability: The application shall be scalable enough to add unique ideas into our application

N7-Portability: Currently the app shall be accessible only on android platforms

N8-Developer Complexity: The variable names in the application shall be self-explanatory, if there is a time where the code needed to be transferred to another developer or a new team member is joining the team, understanding the code shall be easy.

# Functional Requirements

FREQ1 – The Admin shall be able to login

FREQ2 – Admin Shall be able to create type of properties.

FREQ3 - The admin shall be exiting the application at any point of time.

FREQ4 – The Admin shall be able to choose the property that he/she would like to list

FREQ5 – The Admin shall be to upload images for specific property.

FREQ6 - Admin shall be able to add information for every property.

FREQ7- Admin shall be able to modify the listings.

FREQ8 – Admin shall be able to delete the listings.

FREQ9 - Admin can logout the application.

FREQ10 – User shall be able to Register

FREQ11 – User shall be able to Login.

FREQ12 – User shall be able to view the Properties available.

FREQ13 – User shall be able to preview the information of every property he likes.

FREQ14 - User can navigate to the menu page.

FREQ15 – User can logout from the application.