**Software Product Vision**

1. **Introduction**

The purpose of this document is to collect, analyze, and define high-level needs and features of Condo360. It focuses on the capabilities needed by the stakeholders, and the target users, and **why** these needs exist. The details of how Condo360 fulfils these needs are detailed in the use-case and supplementary specifications.

The following document is meant as an introduction to our vision, as well as an insight into the needs of stakeholders and users.

**2. Positioning**

1. **Problem Statement**

|  |  |
| --- | --- |
| The problem of | Finding affordable and convenient housing |
| affects | Everybody looking for a home or an investment opportunity |
| the impact of which is | An increase in homeless |
| a successful solution would be | An accessible, easy to use website specialised in selling condos |

1. **Product Position Statement**

|  |  |
| --- | --- |
| For | people |
| Who | Are looking for housing or an investment opportunity |
| The (product name) | condo finding website |
| That | Catalogs, organizes all condos into a easily digestible format |
| Unlike | Going to a real estate broker |
| Our product | Is cheaper, more accessible and is probably used by the real estate broker |

**Stakeholder and User Descriptions**

**Stakeholder Summary**

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Triet Pham | Our TA | The stakeholder must ensures that the required features are well communicated to the team. In addition, the investor must provide sufficient funding to ensure the project’s success. Finally, the backer must ensure that there will be a market demand for the product's features |

1. **User Summary**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Subscriber (general user) | Filters selection, clicks on specific condos, books visits and purchases condos | Reads content on website, looks at ads, select appropriate filters, give their location | Self-represented |
| Real estate broker | Filters selection, clicks on specific condoms, books visits and purchases condos, negotiates price | Reads content on website, looks at ads, select appropriate filters, give their location | Self-represented |
| Sellers | List their condos on the website, identifies the category their condos belong to | Must provide accurate information about their condo  Must pay a small % of their final sale to the website | Self-represented |
| Advertisers | Obtains advertising data from system | Pays the website in order to post ads | Self-represented |

1. **User Environment**

Users and brokers can browse the vast variety of condoms for sale on our website. Users can interact with the product both on PC and/or mobile devices. The task cycle has no set time limit; a user is free to browse the website for as long as they desire.

Sellers have access to a page where they can fill out an application and most their condos on the website. The task cycle has no set time limit, however a fee will have to be payed to the website upon successful sale.

Advertisers will be expected to have a browser-enabled device for checking advertising usage.

1. **Key Stakeholder or User Needs**

|  |  |
| --- | --- |
| **Description** | **Individual who uses our website** |
| Type | Primary |
| Responsibilities | Primary target audience for our website |
| Success criteria | Successfully finding and purchasing condos through our website |
| Involvement | Provides feedback to developers |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Need** | **Priority** | **Concerns** | **Current Solution** | **Proposed Solutions** | |
| Login/sign up page | High | Security | None | A database that saves and stores all users with their corresponding labels (advertiser, seller, etc) | |
| Receive notification when seller messages subscriber | Medium | Response time | None | A tracker that is always listening for upcoming messages | |
| Display images that fit the user’s device | Medium | Flexibility | None | Have proper css organization that allows for a flexible UI | |
|  |  |  |  |  |  |

**Alternatives and Competition**

An alternative to our website would be to go to a real estate broker. The main advantage of such a broker is the personalized experience he/she may provide; addressing one’s needs directly. However, such a service doesn’t come cheap.

Our project essentially cuts out the middle man. It provides clients with direct access to the catalog of available condos. Clients can book a visit or buy them directly. Our website will provide a cheaper alternative to real estate brokers, which would lead more people into using our service over our competitors.

1. **Product Overview**
2. **Product Perspective**

The product is independent and totally self-contained. The website has every feature the users need contained within itself.

1. **Assumptions and Dependencies**

Two versions of this app will be created, one for mobile and one for PCs.

**Product Features**

***5.1           Logon***

Subscribers, real estate brokers, and seller will be able to enter a unique id and password to access their account along with their data.

***5.2          Filter search***

Brokers and subscribers will be able filter their searchers based on their needs, such as location and price range when looking for condos.

***5.3 Post new condos***

Seller will have the option to list their condos on the website. In order to do so, sellers will be able to upload picture and information about their condos.