**2. Functional Requirements V2**

**Priority 1 (must have):**

**2.1. Property Finder (Every user type)**

2.1.1 Every User shall be able to search through the given

property.

2.1.2 Search can be done by a free text search filter.

2.1.3 User can open detailed view of a property by clicking on it.

**2.2 Registration:**

2.2.1 Customer Registration Version1: will be based on Username, Email Secret Question, and Secret Answer (for security matters).

2.2.2 Customer Registration Version 2: will be based on existing

Google or Facebook Accounts

2.2.2 Every visitor can register and become a registered user.

2.2.3 Customers must submit all necessary information for registration.

2.5.6 Company Admin creates company profile.

2.5.6 Listing Agents have to be created be Company Administrator.

**2.3 User Login:**

2.3.1 After successful registration, the user can log in by using his email

address or username and chosen password.

2.3.2 Customers can alternatively use Google and Facebook API for log in.

* 1. **User (All types) Logout:**

2.4.1 When the user wants to leave our application he can press the log

out button and will be logged out.

* 1. **Registered Customer can add and manage his favourite properties:**

2.5.1 Registered Customer can add desired properties to his favourites.

2.5.2 Selected favourites can be seen on customer dashboard and

also deleted if desired

* 1. **Messaging between Buyers and Sellers:**

2.6.1 Buyers and sellers can communicate within their dashboard, using a messaging system.

* 1. **Property tracking**

2.7.1 Enable companies and listing agents to track their sales

* 1. **Manage Profile**

2.8.1 User can see his profile data and edit it if needed

* 1. **Task of Site Administrator**

2.9.2 Site Administrator can delete users permanently. The Users data

will be completely deleted in the database.

2.9.3 Site Administrator can remove properties form the platform

for legitimate reason.

**3.0 Manage Dashboard**

Depending on the type of user, dashboard provides specific functionalities

3.0.1 For Customers:

Messaging listing agents, viewing his favourite

Properties, compare his favourite properties and edit the Customers profile.

3.0.2 For Listing Agents:

Messaging customers, viewing his sales, create property listing and edit the Listing Agents profile.

Property listing can be viewed with Google

Map API.

3.0.3 For Site Administrator:

Monitor and remove property listings and users

**Priority 2 (desired):**

* **Properties for rent**
  + Listing Agents will be abale to list properties for rent, which can be selected by customers
* **Feedback and Rate**
  + User can give feedback and Rate on property rent
* **Rating on Listing Agents**
  + User can give Ratings on Listing Agents
* **Compare User Favourite**
  + User can compare his chosen favourites properties,

**Priority 3 (opportunistic):**

* **Include support for commercial and industrial properties**
  + Customer and Listing Agents can buy/sell/rent commercial and industrial properties
* **Include support for multiple types of Real Estate Agents**
  + Companies can list buying agents and specialized agents for lease or mortgage
* **Implement ‘services’ for Real Estate properties**
  + Services: Photography, Maintenance and landscaping