



# Software Requirements Specification

Realty Matrix

Artifact ID: SRS-1047A

Use Case UC-1047A

Use Case Title: Product Categories - the 1st and 2nd level Merchandize Hierarchy

Release: R1

Author: Sachin Rakheja

Date: 15<sup>th</sup> Sep 2016

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# 1. Project Information

## 1.1.Revision History

Date	Version	Author	Reason
15-Sep-2016	1.0	Sachin Rakheja	First Draft Version

## 1.2.References

#	Description	Location
1	Use Case Document	Google Drive

## 1.3.Stakeholders

Name	Role	Approver/ Reviewer
Kamal Katyal	Product Owner	Approver
Rajiv Sethi	Product Owner	Approver
Sachin Rakheja	Product Owner	Approver
Vikas Chahal	Product Owner	Approver

## 1.4.Use Case Number

Product Categories - the 1st and 2nd level Merchandize Hierarchy

## 1.5.Use Case Title

RM User Creation

## 1.6.Use Case Objective

The objective of the use case is to define first and second level of property categorization to which each and every property will map to. Starting with following as the parent categories – ‘COMMERCIAL’, ‘RESIDENTIAL’ and ‘PROJECTS’, each of this parent will have their child categories as the 2<sup>nd</sup> level of hierarchy.

## 1.7.Use Case Description

To define Property Categories as the first and second level of merchandize hierarchy to which each and every property will map to with ‘COMMERCIAL’, ‘RESIDENTIAL’ and ‘PROJECTS’ as the parents and further categorization of each parent to have related second level child.

## 1.8.In-Scope / Out-Scope

None

### **1.9.Coupled / Decoupled**

Decoupled False – The system application will not be able to function without this as this type selection will be mandatory at the time of property creation.

#### **1.10. Assumptions**

None

#### **1.11. Dependencies**

None

#### **1.12. Risks**

None

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## 2. Property Categorization as Merchandize Hierarchy

### 2.1. First Level Merchandize Hierarchy - Property Categorization

#### 2.1.1. Description

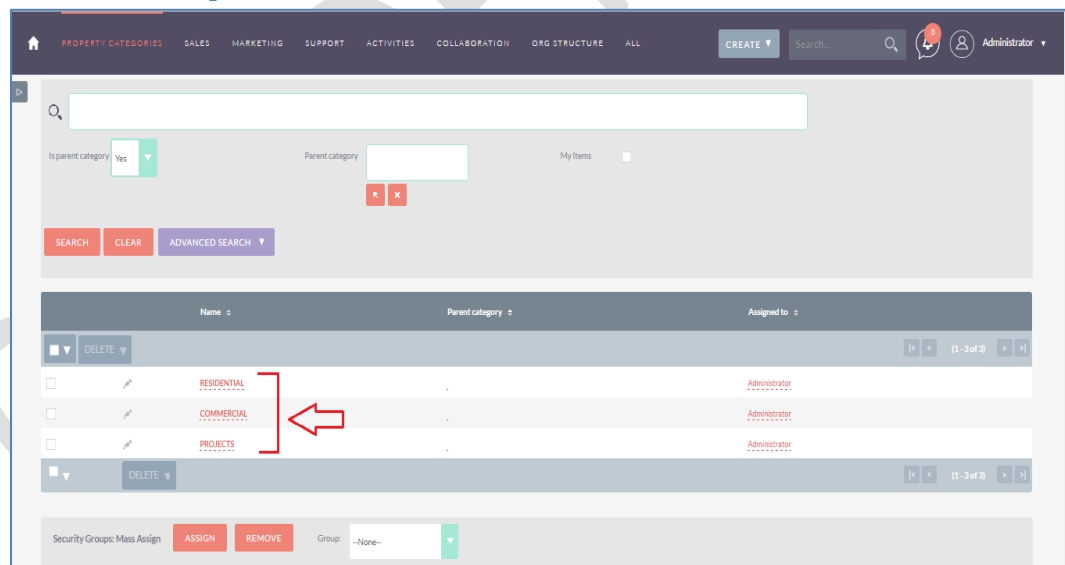
Properties being centric to RealtyMatrix solution and knowing that properties are available in varying needs, it's important to categorize the properties in to relevant categories prevailing in the market which all stakeholders understands in the realty world including customers, agents, governments and more.

The first level of categorization at the parent level shall be:

- COMMERCIAL
- RESIDENTIAL
- PROJECTS

Each of these parent will have further sub-categorization classifying a particular property, which will further drill down to second level and third level of categorization.

#### 2.1.2. Screen Mock-Up



#### 2.1.3. Field Definition

- None

#### 2.1.4. Workflow Definition

Clicking any of the parent property category will display the property category details page. The details page will further have the sub-categories (if any) along with properties that belonging to that category (if any).

### 2.1.5. Data Validations

- None

## 2.2. Second Level Merchandize Hierarchy - Property Categorization

### 2.2.1. Description

The first level of property categories i.e. 'COMMERCIAL', 'RESIDENTIAL' and 'PROJECTS' will further be classified in child categories so that property can be mapped, filtered effectively. Below is the second level of hierarchy to be build up for each of the main property parent category.

#### **COMMERCIAL**

- Serviced Apartments
- Retail Shops
- Retail Showroom
- Retail Mall Space
- Retail Land/Plot
- Office Build-Up Space
- Office in Business Park
- Office in IT Park
- Office Land/Plot
- Industrial Land/Plot
- Institutional Land/Plot
- Agricultural/Farm Land
- Hotels and Resorts
- Guest Houses
- Banquet Halls
- Ware House
- Cold Storage
- Factory

#### **RESIDENTIAL**

- Apartments
- Independent Builder/Floors
- Independent House/Villa
- Residential Land/Plot
- Studio Apartment
- Farm House

## **PROJECTS**

- Residential Projects
- Commercial Projects

These 2<sup>nd</sup> level of hierarchy will require further classification into more child categories leading to 3<sup>rd</sup> level of hierarchy.

### **2.2.2. Screen Mock-Ups**

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**COMMERCIAL**

PROPERTY CATEGORIES

SALES

MARKETING

SUPPORT

ACTIVITIES

COLLABORATION

ORG STRUCTURE

ALL

CREATE

SEARCH

15

Administrator

COMMERCIAL

13 of 23

BASIC

ACTIONS

Name:

COMMERCIAL

Assigned to:

Administrator

Date Created:

09/12/2016

Date Modified:

09/15/2016

Description:

Parent category:

Is parent category:

SUB CATEGORIES

CREATE

13

15

15 - 17 of 17

1

11

Name	Date Modified	
Agricultural Farm Land	09/15/2016 05:03	EDIT
Banquet Halls	09/15/2016 05:03	EDIT
Cold Storage	09/15/2016 05:05	EDIT
Factory	09/15/2016 05:05	EDIT
Guest Houses	09/15/2016 05:03	EDIT
Hotels and Resorts	09/15/2016 05:03	EDIT
Industrial Land/Plot	09/15/2016 05:09	EDIT
Institutional Land/Plot	09/15/2016 05:02	EDIT
IT Park Office Space	09/15/2016 05:05	EDIT
Office BuildUp Space	09/15/2016 05:10	EDIT
Office in Business Park	09/15/2016 05:07	EDIT
Office Land/Plot	09/15/2016 05:10	EDIT
Retail BuildUp Showroom	09/15/2016 05:10	EDIT
Retail Land/Plot	09/15/2016 05:08	EDIT
Retail Mall Space	09/15/2016 05:06	EDIT
Retail Shops	09/15/2016 05:08	EDIT
Ware House	09/15/2016 05:05	EDIT

ACS PROPERTIES

CREATE

13

15

15 - 0 of 0

1

11

Property Name	Date Modified
No Data	

## RESIDENTIAL

[PROPERTY CATEGORIES](#)
[SALES](#)
[MARKETING](#)
[SUPPORT](#)
[ACTIVITIES](#)
[COLLABORATION](#)
[ORG STRUCTURE](#)
[ALL](#)

[CREATE](#)


Administrator

RESIDENTIAL

BASIC

ACTIONS

Name:

RESIDENTIAL

Assigned to:

Administrator

Date Created:

09/12/2016

Date Modified:

09/15/2016

Description:

Parent category:

Is parent category:

SUB CATEGORIES

CREATE

11

1

(1 - 8 of 8)

1

11

Name	Date Modified	
Apartments	09/15/2016 04:54	EDIT
Farm House	09/15/2016 04:56	EDIT
Independent Builder/Floors	09/15/2016 04:54	EDIT
Independent House/Villa	09/15/2016 04:55	
Others	09/15/2016 04:56	
Residential Land/Plot	09/15/2016 04:55	
Serviced Apartments	09/15/2016 04:56	EDIT
Studio Apartment	09/15/2016 04:55	EDIT

Admin  
Support  
About  
Log Out

AOS PROPERTIES

CREATE

11

1

(0 - 0 of 0)

1

11

Property Name	Date Modified
No Data	

## PROJECTS

The screenshot displays the 'PROJECTS' management interface. At the top, there is a navigation bar with links to PROPERTY CATEGORIES, SALES, MARKETING, SUPPORT, ACTIVITIES, COLLABORATION, ORG STRUCTURE, and ALL. A 'CREATE' button and a search bar are also present. The main content area is divided into two sections: 'BASIC' and 'ACTIONS'. The 'BASIC' section contains a form with fields for Name, Date Created, Description, and Is parent category. The 'ACTIONS' section contains a table of sub-categories. Below the sub-categories table is a table of ACS properties. A 'Log Out' button is visible in the bottom right corner.

**PROJECTS**

**BASIC** **ACTIONS**

Name: PROJECTS Assigned to: Administrator

Date Created: 09/12/2016 Date Modified: 09/15/2016

Description: Parent category:

Is parent category: ☐

**SUB CATEGORIES**

**CREATE**

Name	Date Modified	
Commercial Projects	09/15/2016 09:18	EDIT
Residential Projects	09/15/2016 09:17	EDIT

**ACS PROPERTIES**

**CREATE**

Property Name	Date Modified
No Data	

Log Out

### 2.2.3. Field Definition

- None

### 2.2.4. Workflow Definition

Clicking any of these sub-categories will display the property category details page. The details page will further have the 3<sup>rd</sup> level sub-categories (if any) along with properties that belonging to that category (if any).

### 2.2.5. Data Validations

- None

### **3. Non-Functional Requirements**

#### **3.1.Accessibility**

None

#### **3.2.Availability**

None

#### **3.3.Interoperability**

None

#### **3.4.Performance / Response Time**

None

#### **3.5.Load**

None

#### **3.6.Operations**

None

#### **3.7.Security**

None

#### **3.8.Trainings**

None