**Software Requirement Specification (SRS) for My Mart Space**

**Purpose:**

This document is meant to delineate the features of My Mart Space, so as to serve as a guide to the developers on one hand and a software validation document for the prospective client on the other.

Smart Electronics Automation of your Space web application is intended to provide complete solutions for vendors as well as customers through single gateway using internet. It will enable users to select the category of automation (door/window/lighting) from either readymade projects or user can also opt for customized one.

Service provider module will enable service provider to view his previous projects (under build/completed/cancelled) as well as upcoming projects (new request for readymade or custom made).

The administration module will enable a system administrator to register a service provider, manage user accounts, view projects statistics (completed/upcoming/on-going projects), and insert/delete components.

**Overview:**

This System provides an easy solution to customer's to buy the smart device without going to the shop and also service providers to sale their products.

**Functional Requirement:**

This section provides requirement overview of the system. Various functional modules that can be implemented by the system will be-

**Description:**

**Registration:** If customer wants to buy the product then he/she must be registered. Unregistered user cannot place an order, but can just view services.

**Login:** Customer logins to the system by entering valid user id and password.

End user can view the services and can order the readymade devices or request for customization where user get to choose the components of his choice.

Email notification to user once order is placed.

**Service Provider:** Once user makes an order, it goes to Service provider. Service provider can either accept the order or reject it by giving the comment.

**Payment:** Once order is accepted by service provider, user can make the payment.

**Logout:** Logout after payment. User will be logged out.

**Modules:**

1. **Registration module**
2. **Device catalogue**
3. **Cart**
4. **Order processing**
5. **Project Statistics**
6. **Custom Selection (Component Selection)**

Modules:

1. User Management

-Customer needs to be registered to order product

-Service provider can register and view orders for him

-Admin can login and approve the service providers or remove them

2 .ProductCatalog

-display all the products previously sold as well as new products with their service providers details

: Product Inventory

create, insert, delete,

: Produdct Category

get all

get by category

2. Cart:

Adding to cart

Removing from cart (User can cancel the order)

getting all elemnt from cart

,,,etc.

3.OrderProcessing:

: porcess order for readymade products from ProductCatalog

: give option to customize the product

select dimensions, controller, motor, sensor, ...................

: Confirm address, payment and place the order (Order will go to servie provider where he will decide to accept or reject)

4.BI:

5.CRM:

6.Payment Processing:

Accept payment from user