**Business Requirement**

**Current Problem:**

Interior designing firms are maintaining Excel sheets for their panel (Ply sheets) dimensional data. And the data is being processed manually using different formulas. The problem here is that the Excel sheets are exposing the formulas used and concurrent modification issues might occur. The Maintaining multiple sheets for all the customers is a cumbersome task. Also, versioning of the pre-production calculations is also a troublesome.

**Solution:**

It would be best to develop a web application for maintaining all this raw and processed data along with multiple reports that can be pulled for analytical purposes. Also, the designs can be shown as an image instead of textual data. A better UI for users in the place of mundane Excel view.

**Requirement:**

**Users:**

Two types of users are needed as of the current requirement.

Admin: User who can enter the details of the ply types, color codes etc., into the system. And also who can pull up the reports along with what business user can do.

Business User: User who enters the customer details and the requirements with which the calculations to be made.

**Web Pages:**

As of the current requirement, the below pages are to be implemented.

Login Page : The user credentials details are to be entered to gain access to the portal.

Customer Page : Existing customers details with a new customer adding feature.

Site Page : Existing Site details of selected customer with new site adding feature.

Requirements Page : Requirement of the woodwork to be entered for the site selected.

Master data Entry page : Page to enter/add master data like ply types, color codes etc.

Reports Page : Page that shows the different reports like customers and their sites with status etc.

**Requirements Page:**

The following details should be shown in the requirements page:

**Drop Down 1** - Room:

1: Kitchen

2: Bedroom

3: Hall

**Drop Down 2** – Types:

For Kitchen option:

A: Regular Kitchen

B: Gola Kitchen

C: G-Handles Kitchen

For Bedroom option:

A: Open able wardrobe

B: Sliding Wardrobe

For Hall option:

A: 2 Drawer TV unit

B: 3 Drawer TV unit

**Drop Down 3** – Box Types

For Kitchen option:

1. Standard Box
2. Sink
3. Hob
4. Shelf Unit
5. 3-Drawer Unit
6. 2-Drawer Unit
7. L-Corner Unit
8. Blind Corner Unit
9. BPO unit

For Bedroom option:

1. Standard Box
2. Shelf Wardrobe
3. 1-Drawer wardrobe
4. 2-Drawer Warbrobe
5. 1-Vertical Wardrobe
6. 1-vertical and 2-Drawer wardrobe
7. Sliding wardrobe boxes
8. Inner sliding wardrobe with 2-Drawers
9. Outer sliding wardrobe with 2-drawers
10. Aristo sliding

For TV Unit Option:

1. 2-Drawer TV Unit
2. 3-Drawer TV Unit

**Drop Down 3 - Ply Type:**

Values to be populated from a table (Data will be given as master data)

**Text Fields:**

1. Height
2. Width
3. Depth