

I. Introduction

Sobha Limited is an Indian multinational Real Estate Developer headquartered in Bangalore, India and works in the business of construction, development, sale, management & operation, townships, housing projects, commercial premises and other related activities.

Sobha Group (hereafter referred to as "Client") has approached Verbanet Technologies LLC., trading as Verbat Technologies (hereafter referred as "Verbat") to develop an application to track and monitor the progress of the project.

2. Functional Requirements

The features of the application envisaged are as cited below:

Admin Module: Admin can manage the different features of the application which includes:

- Users (add/edit/delete)
- Manage Project Type (add/edit/delete) (e.g : Villa , Building etc)
- Manage Service Type (e.g Aluminum & glass facad, Exterior & Interior Work etc)
- Manage Companies (add Company Name and Contact Details)

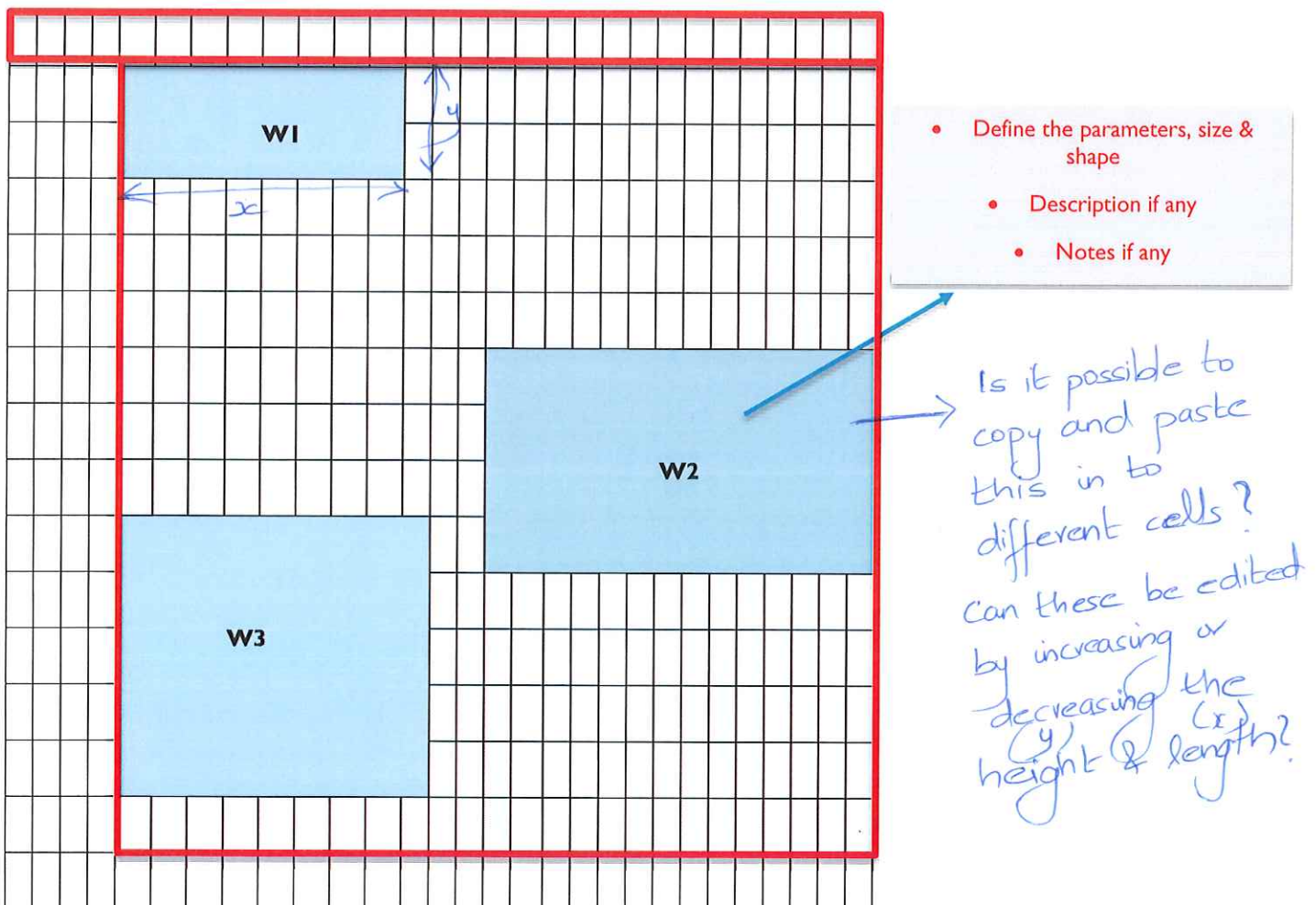
Manage Project: User can manage a project by performing the below steps:

- Choose Company (customers)
- Enter Order Number
- Enter Project Name
- Select Project Type
- Select Service Type → what did you mean by service ?
- Enter/Upload other Project Parameters/Drawing (Building , Site etc)
Note : Uploaded document should be in PDF/JPEG
- Create 2D elevation Drawing

Note: All the raw materials data will be managed by clients inbuilt ERP. Using API's necessary updates will be transferred to our application.

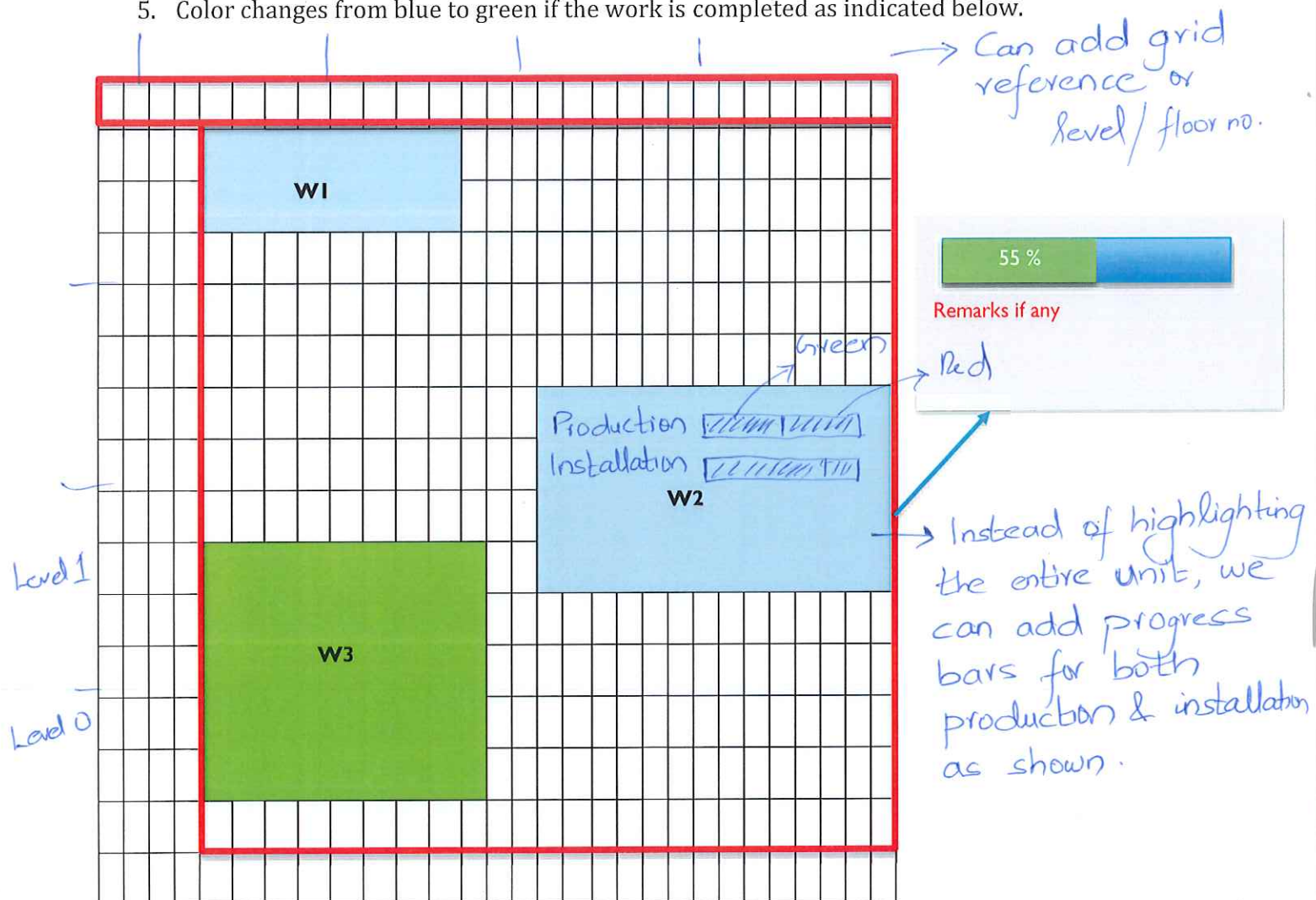
Design Department - Create Drawing:

1. Enter Building Data: Design department can enter the necessary aspect ratio of the building /facade, like height, length, width etc .System will create the grid based on the entered dimensions.
2. Add Windows: Design department can add the windows (as many) to the created 2D design and can position them in the design. Each window can be given a unique number/name. The windows will appear within the drawing and a unique color will be indicated e.g.: blue. The user can enter all the parameters of that particular window (design, shape, size, description, special notes if any etc.).
3. Design created by the design department will be send to the production department.

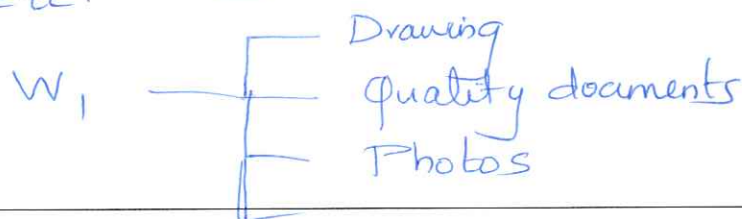


Production Department – Process Drawing:

1. Production department receives the design from the Design Department and will start processing the same.
2. Progress of work can be updated on the sheet by the concerned team. Related photos can be uploaded from time to time. Recently uploaded photo will appear first and the older versions can be viewed by just scrolling up/down.
3. Percentage of completion/progress can be viewed on clicking on each window.
4. Any changes done on the design will be indicated to other users as a system alert
5. Color changes from blue to green if the work is completed as indicated below.



⑥ Once W1 is clicked on this drawing, it should move to a new page showing the photos, ^{plan} drawings, quality documents etc.

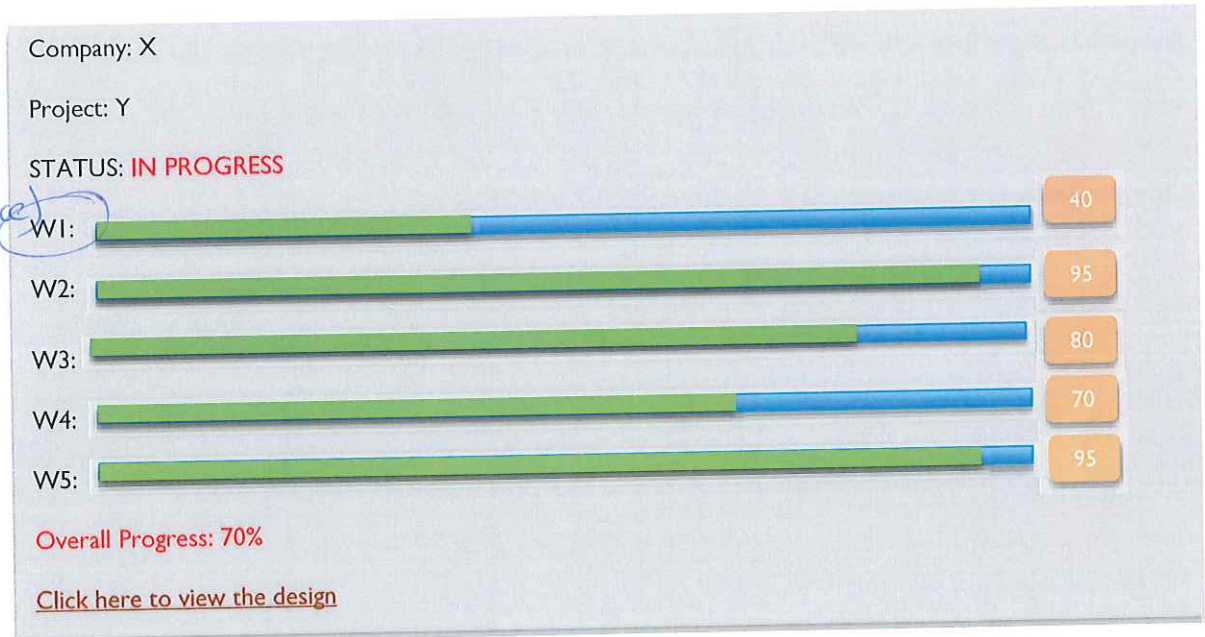


Management Reports Dashboard:

1. Different types of management reports will be available in the dashboard for different parameters.

An example is depicted below:

W₁ (Grid reference)
↓
Add grid reference as there can be many W₁'s



Thank You!