**Link to UI designs :** <https://www.figma.com/file/kF90NNZGukCLFwVFGDTH6f/Sahansa?type=design&node-id=3%3A2&mode=design&t=2bg6DV2CGqRnx1ez-1>

interface:

1. Login Interface:

Username input field

Password input field

Login button

Forgot password link (optional)

Register link (if registration is necessary)

2. Dashboard Interface:

- Room config

- Browse Items (update and delete)

- Browse Customer Designs (inside name,date,type, )

- Our Palette

- Instructions

- add our own item.

The above dashboard items are explained below

3. Room Configuration Interface:

Form fields for inputting room size(length , width, height), shape(e.g., square, rectangular)

and Wall Color, Floor color (using Color picker)

Save or apply button to confirm room configuration

4. New Design(item) Creation Interface:

Item type(chair?Table?Sofa?)

Dimensions of the item(dropdown- If needed to customize two fields will appear)

Item matieral (dropdown)

Item Variants--- 3 to 4 already rendered images

Save

2D or 3D selection buttons

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2D Visualization Interface:

2D representation of the design on a Canvas (height , width already included)

Back

3D visualization

5. 3D Visualization Interface:

3D rendering area to display the design from different angles

Instructions : Controls for rotating, zooming, and navigating the 3D view

Lighting and shading

Update Item Design(this means user can click this button and go for another screen which allows user to update the dimensions, color, of the design)

File name

Save design button (keep in mind there’s another button called Save and Export)

Cancel button

6. Save and Export Design Interface:

Button to save the current design

Input field for providing a name or description for the design

Browse save location

7. Edit Design Interface(dashboard-inside Browse Customer Design add a button)

Fieldsfor modifying dimensions, styles, and materials of existing components

Save changes button

8. Delete Design Interface: (dashboard-inside Browse Customer Design add a button)

List of saved designs with checkboxes or buttons for selecting designs to delete

Confirmation dialog before permanently deleting a design

9. Profile Management Interface:

Form fields for updating personal information (e.g., name, email)

Change password option

Account deletion option (if necessary)

- 10-Browse Items (update and delete)

- 11-Browse Customer Designs (inside name,date,type, )

- 12-Our Palette

- 13-Instructions

- 14-add our own item.