MODS SPECIFICATIONS APPLICATION
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Overview of specifications of The MODS application.
Its aim is to allow MODS team and MODS trained clients to build and layout MODS module in a nice and user-friendly environment.

Delivery:
The final delivery is composed of:
- an application that can be installed on any tablet (android and apple) requiring minimum specifications.
- the 3D assets made for this application (MODS, finition, props)
- the 2D assets made for this application (UI, texture, icon)
- the source code specifically made for this application (javascript, three.js, angular.js, ionic)

Features:
The core features include the system to build modules made of MODS (ex: panel, table, chair...) and the system to layout it in the 3D scenes.

`The building mode will included:`
- Creation of a set made of MODS
- Save the set as a presets
- Load the set
- Modify the set
- Delete the set
- Visual helper on the ground (Grid & Circle)
- Panel creation from given dimensions (height + width)
- Panel opening (add opening in it)

`The layout mode will included:`
- Drag and drop a preset from the preset catalog menu into the scene
- Move the preset on the ground in the scene
- Avoid the preset going through walls in the scene if there is any
- Helper features to layout the scene (ex: snap a preset to another, align them...)
- Delete a preset from the scene
- Save the scene with the current layout
- Load a saved layout in the scene
- Organise in layers different constructions
- Show negative spaces that have to be specifically filled in

Workingspace:

Composed of 4 main events.

- main menu to specify:
  - working floor and walls if any
  - Drag and drop mods and presets
  - Drag and drop accesories
  - Save the layout onto account as an image (.png), the list and count of all the MODS, covering, metrics and props use the current layout .
  - send for price estimation the list and count of all the MODS, covering, metrics and props use the current layout .
- Edition menu to edit:
  - Groupings of mods
  - Edit the finition
  - Edit the color of the mods
- Additional features:
  - display/hide the metrics of a set
  - See different preset views with silhouettes
  - take screenshot
- Click on the mod:
  - Rotate the mod
  - Delete the mod
  - Select multiple mods

+ rotate, move and zoom in the 3D scene.

Customisation features:

- menu: Choose between a set of covering for the MODS
- Apply / Modify / Remove covering on MODS
- Menu: Choose between a set of props for the MODS
- Apply / Modify / Remove props on MODS
- Apply / Modify / Remove props / covering on multiple MODS at the same time
- Load an image from the device gallery and apply it on a specific panel
- Add a resizable room to the scene (squared with 4 walls)
- Add/Move/Remove props on the room walls (door, windows)

- Display / save on disk, as an image (.png), the list and count of all the MODS, covering, metrics and props use the current layout .

3D assets:

Accessoires MODS (toujours sur base de 50x50):

- base 50x50x 4mm (ajustable 122x244 max)
- base 50x50x 12 mm (ajustable 122x244 max)
- base 50x50x18 mm (ajustable 122x244 max)
- base avec prises (ajustable 1 à 3 prises) 50x50x 4mm (ajustable 122x244 max)

- base avec prises (ajustable 1 à 3 prises)50x50x 12mm (ajustable 122x244 max)
- base avec prises (ajustable 1 à 3 prises) 50x50x 18mm (ajustable 122x244 max)
- 1 étagère en bas (ajustable 122x244 max)
- 1 étagère au milieu (ajustable 122x244 max)
- 2 étagères (ajustable 122x244 max)
- 3 étagères (ajustable 122x244 max)
- armoire 2 portes (pfd 25 cm) (ajustable 122x244 max)
- armoire 1 porte (pfd 25 cm) (ajustable 122x244 max)
- armoire 2 portes vitrée (pfd 25 cm) (ajustable 122x244 max)
- armoire 1 porte vitré (pfd 25 cm) (ajustable 122x244 max)
- armoire 2 portes (pfd 15 cm) (ajustable 122x244 max)
- armoire 1 porte (pfd 15 cm) (ajustable 122x244 max)
- armoire 2 portes vitrée (pfd 15 cm) (ajustable 122x244 max)
- armoire 1 porte vitré (pfd 15 cm) (ajustable 122x244 max)
- plexi ajustable (et plexi ajustable) (ajustable 122x244 max)
- écran (et écran ajustable) (ajustable 122x244 max)
- porte folders (ajustable 122x244 max)
- assise (= mousse + tissus) (ajustable 122x244 max)
- insertion logo (ajustable 122x244 max)
- base 50x50 avec applique lumineuse (ajustable 122x244 max) (3 appliques)

Finitions accessoires:
- Couleur (20 diff)

Matière:
- sapin (3 teintes)
- chêne (3 teintes)
- bouleau (3 teintes)
- couleur 70
- chant couleur
- chant multiplex