Requirements for Re-design of iFlip.pro Web-app

Overview of New Design

The UI/UX for this web-app was revamped and it will be necessary for the new design to be created in html format and then integrated into the existing system. Every screen will require changes to integrate the new design concept. A couple of screens will require other changes to code. **

The new design has collapsible/expandable sidebars for the menus and projects whereas the existing design has dropdown menus. The left sidebar contains what was the Setup, Ez and Project menus; the right sidebar shows the current projects and allows a new project to be added. The central section is used to display the data content of all project screens.

There are screens for mobile and desktop, all contained in the Adobe XD file.

Code Changes

** Beside the code changes for new design, the two screens with significant other changes are Ez-Flip and ARV. There are also two new pages required.

Ez-Flip

This has sliders for the Mayo section which is basically the same as the "Mayo" page which already has sliders, so the code used for that can be used here also. In addition, this page has two new input fields for Light and Heavy ARV psf. It has the four Repair types as bars rather than picklist as the existing system has: Light, Medium, Heavy, Custom.

The calculations will change now based on the two new inputs, with Light Repairs using the Light Repairs psf figure, Heavy using the Heavy psf figure and Medium using the mid-point.

The Custom repairs calculations will have to change to allow for the use of sliders and min, max figures for each slider will be provided. See screens below.

ARV

A screen has not been specifically designed for this as the Setup Materials screen can be used as a template.

I want the ARV factors removed from the existing screen. These could either be saved by the User under Setup Arv Factors OR just continue to use arvadj table as a system table only. If User controlled, a new screen is needed for that, under Setup and the arvadj table would need a userid field.

I want the ARV screen to be consistent with the other screens and it is not. The calculation of the ARV could be as it is now, after comparable data is entered. No new calculations.

Corrections to design provided:

- 1. Project Menu: has duplicated "Notes" and "Profit" and missing "Tasks"
- 2. Materials screen: should have scrollbar to cycle through records. (It does have scrollbar to far right).
- 3. "Profit" section of new Project Summary screen should be called "Project Expenses"

New Pages

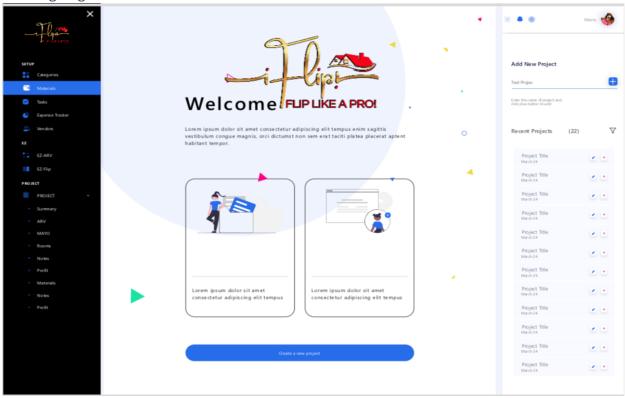
- 1. A new page may be needed for Arv Factors to allow users to enter their own ARV factors.
- 2. A new page is needed for "My Profile" to include: Updating Profile information, Changing Password (code to be taken from existing Change password and Logout. Sample screen image will be provided.

Scrapped Pages

- 1. My projects this is replaced by the new layout.
- 2. Project Expenses this data is shown under "Profit" section of Project Summary.

Desktop Pages

Landing Page

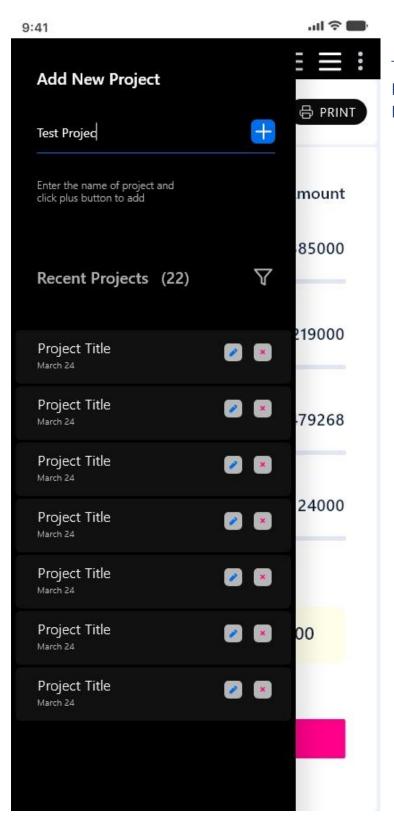


After login, the Landing page will appear as shown. The center could be just a Welcome screen on initial login. Once a user selects an item from the left menu, the center section will display the data content for the selection chosen. See below for Setup Materials, Project Materials and other pages.

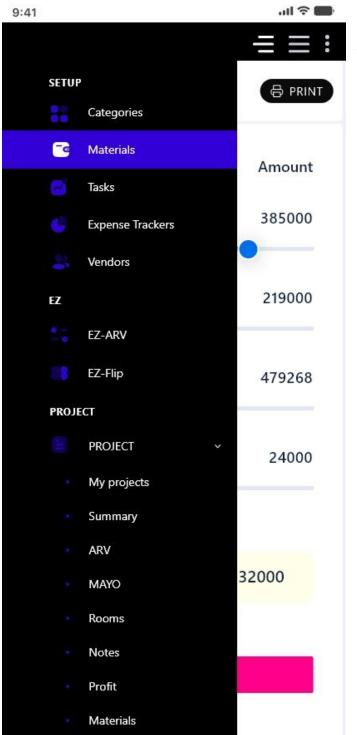
The sidebars can be minimized to provide more space for the center section although probably not needed for the desktop but kept the same as mobile. On the right, and could be in the center as shown, the Add/Create Project option. On the right sidebar, a list of recent projects the User can select from and on selection, the center would show the Summary screen for the project selected, just as the existing system would show this screen when a project is selected from the picklist.

Under the My Profile icon there will be Edit Profile, Change Password and Logout. The Logout option could be an icon on top right-sidebar also or instead of under My Profile.

Sidebars



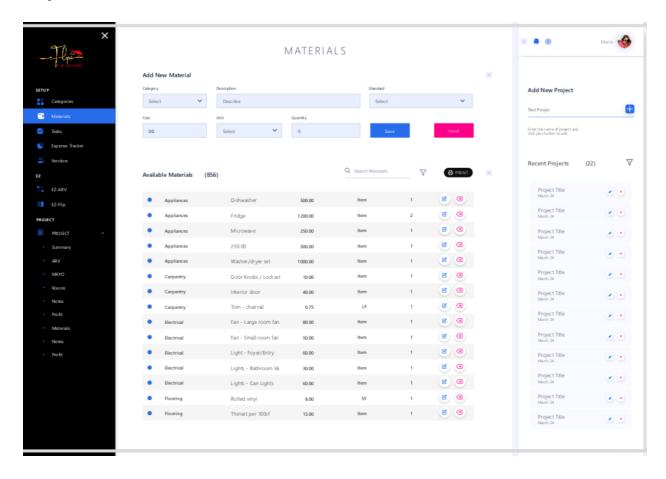
The Right Sidebar shows the Recent Projects and allows a New Project to be created.



The Left sidebar provides access to all the Project options / menu.

Setup - Materials

This screen is provided with the intention of being converted to a html template that can be used for many of the screens (Setup:Tasks, Vendors, Expense Tracker, Project: ARV, Rooms, Notes, Materials, Tasks).

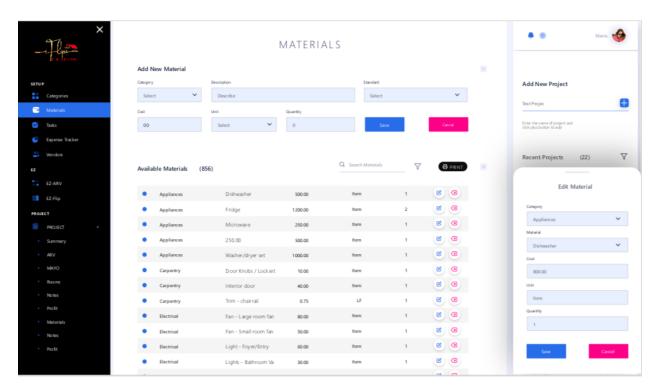


Top center section shows the Add New Material.

Bottom center section shows existing user Materials. User should be able to scroll though all existing User materials. Edit, Delete icons shown.

Materials - Edit

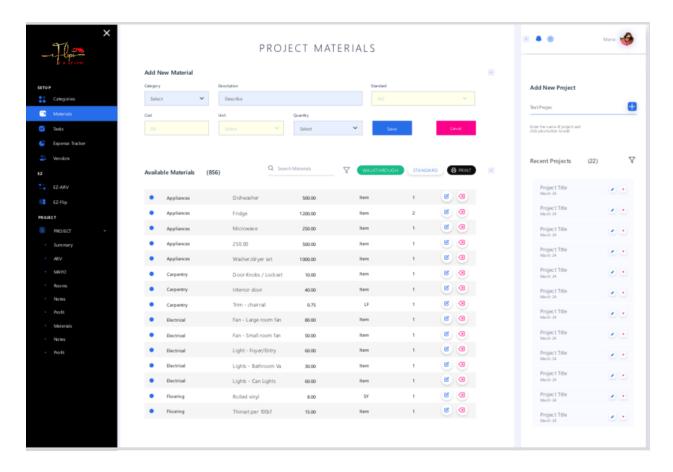
This will display an Edit Material screen as shown. Materials are shown with alternating white and grey backgrounds.



When User logs in for first time, if they select any of Setup options for Categories, Materials, Tasks, they should, as in current system, be prompted to run Standard Setup. If they don't, they can simply Add New Material and on Save that would be displayed in the bottom of the center section.

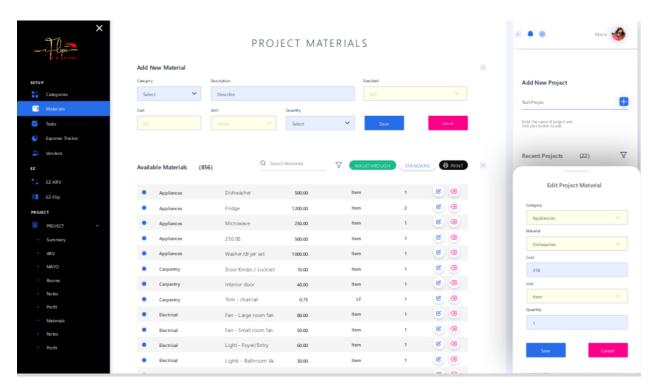
Project Materials

This screen can be used as a template for Project Tasks. Not much different from the Setup Materials screen, just had additional options for Standard an Walkthrough. Has similar "Add New Material" section to top of center section. The light blue fields indicate fields the User can edit. The tan fields are "system" fields the user cannot edit.



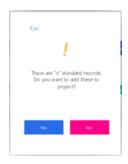
Project Materials: Edit

This will display an Edit window to the right as Setup - Materials above. Keeping screens consistent as much as possible.



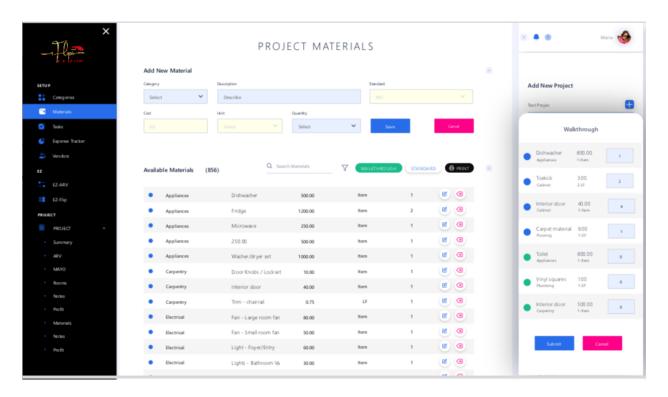
Standard

Selecting Standard, will, as current system does, display whether there are Standard materials or not and allow the User to add these to the Project (if the project does not have any standard materials already included). (Likewise for Tasks screen, which can be based on this Materials screen design).



Walkthrough

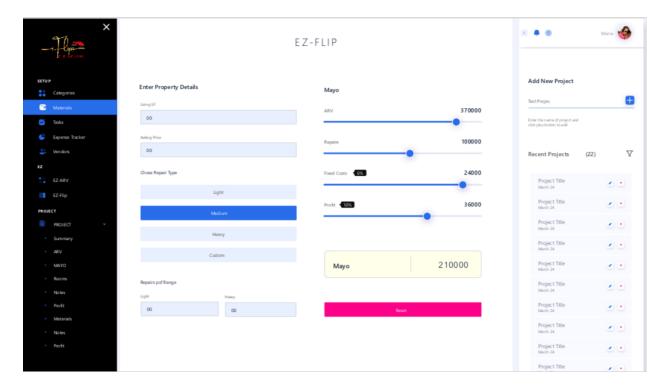
Selecting Walkthrough will display a window to the right similar to the Edit window, but allowing Users to scroll through a combination of existing project materials (shown with blue circles) and available User materials (shown with green circles.



EZ-Flip

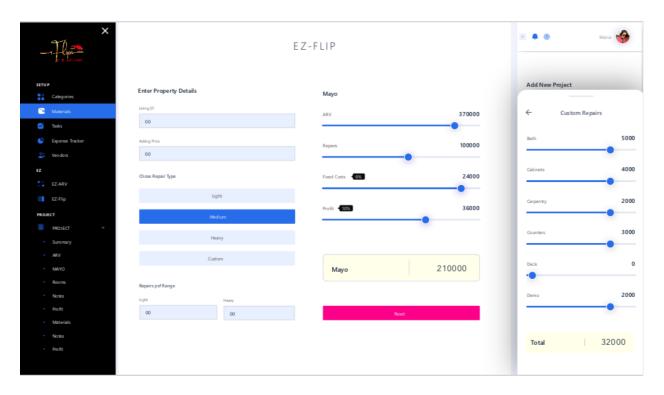
The Ez-Flip screen is fairly similar to the existing screen, except the Mayo section has sliders, like the Mayo screen and the calculations from the Mayo screen can be used here also. It's the same calculation.

The existing system has a picklist for the repair type whereas here it shows these as bars (Light, Medium, Heavy, Custom). New to this screen are the "Repairs psf Range", two numbers that need to be recorded somewhere. The user can override but Reset should put back the same numbers shown below. As explained above the calculation of repair costs will be based on these new inputs so there will be some code changes required.



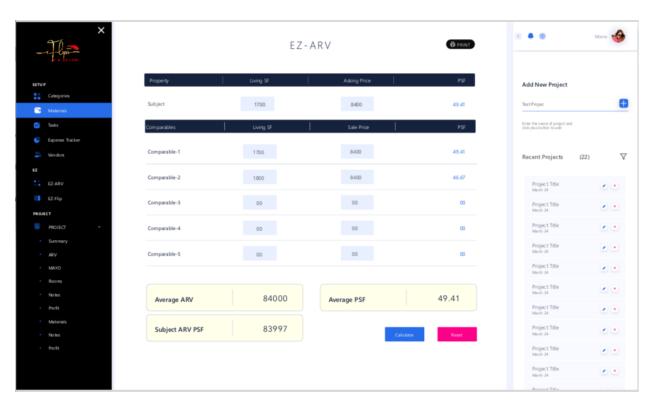
Custom Repairs

A screen similar to the Edit/Walkthrough screens above will be displayed (see below). This screen changes from the existing system screen by using cursors. The min and max for these will be provided but are based on the two new inputs.



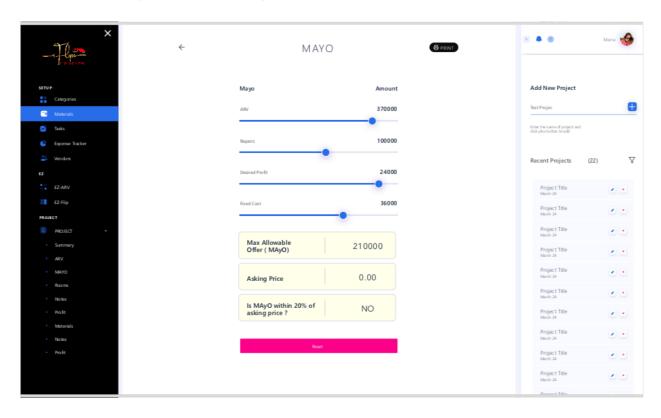
EZ-Arv

This screen is very similar to the existing system screen, allowing the user to enter Subject Property details and up to 5 Comparable properties and displaying the results. No code changes needed as calculations are the same as they were.



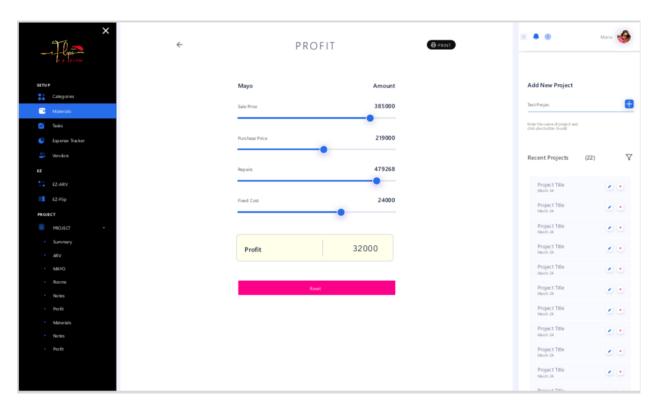
Mayo

The Mayo screen is very similar to the existing screen. No calculation changes. Only code changes for new design layout.



Profit

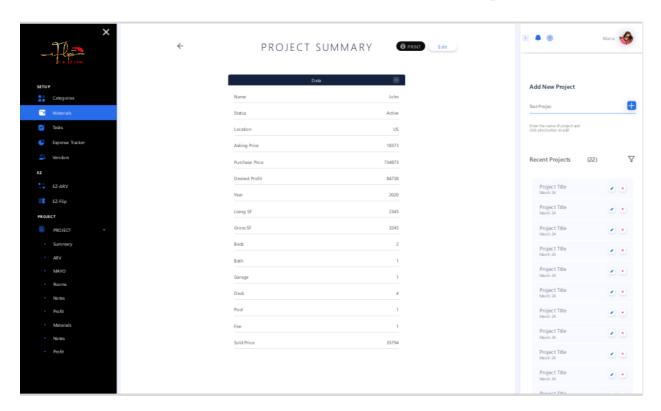
The Profit screen is very similar to the existing screen. No calculation changes. Only code changes for new design layout.



Project Summary

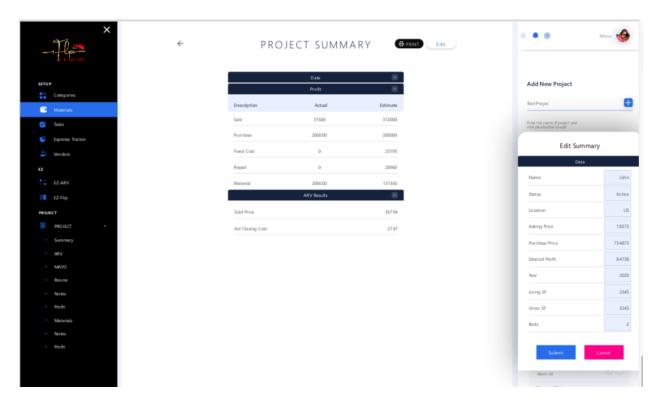
The project summary screen is fairly similar to the existing screen but it now adds to this display the information previously shown on the Project Expense screen, which is no longer needed. So the code from that screen could be incorporated into this screen.

Note that each section of the Summary can be minimized or expanded.



Project Summary: Edit

Similar to the other Edit windows, this is displayed to the right allowing the user to edit (only the "data" section of) the project summary information.



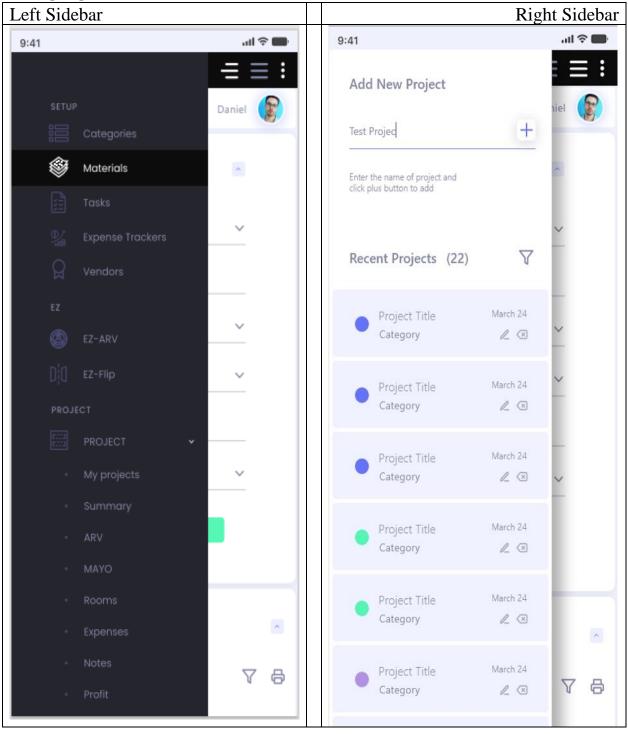
Other Pages

As mentioned above, many of the pages in the system are basically the same format, just the content is different. For these pages (which include Setup: Tasks, Vendors, Expense Tracker and Project: ARV, Rooms, Notes) the Materials screen above should be converted to a html file which can be used as a template for creating all of these other screens.

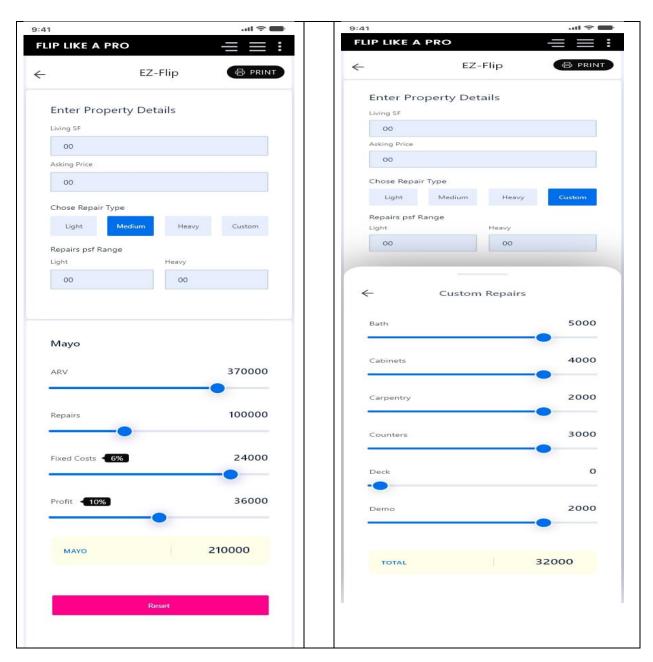
Likewise, the Project Material screen above can be used to create a html template for Project Task. These two screens have additional options "Standard" and "Walkthrough" but otherwise as the same format as the other pages listed above.

Mobile Pages

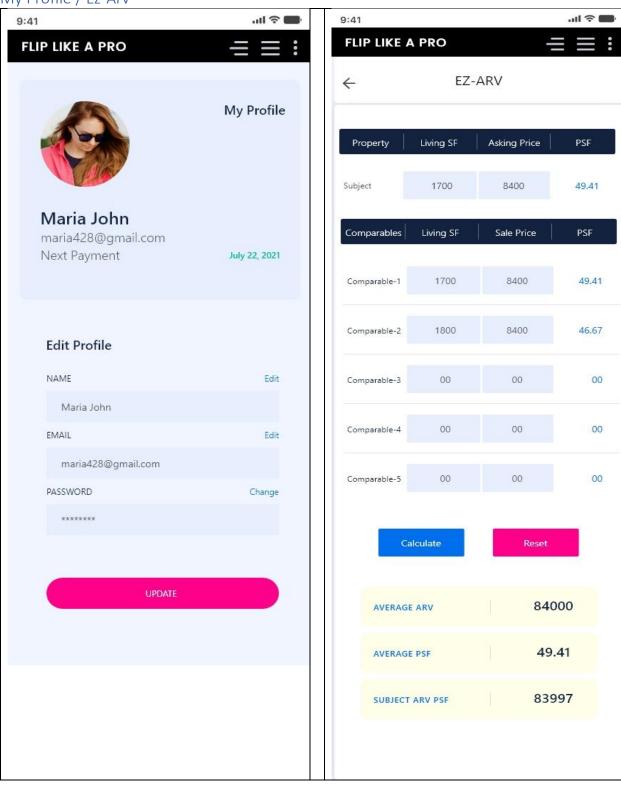
Landing Page



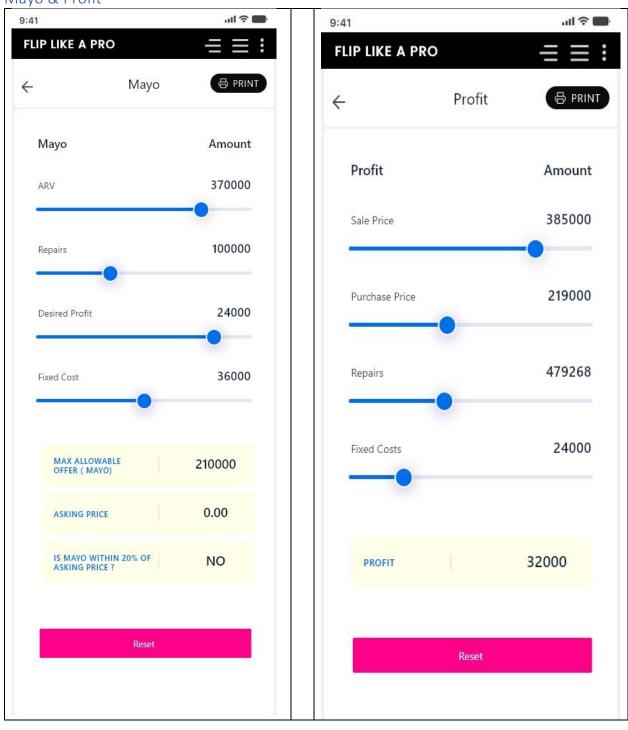
EZ-Flip
If Custom Repairs shown, displays Custom Repairs window as shown on right



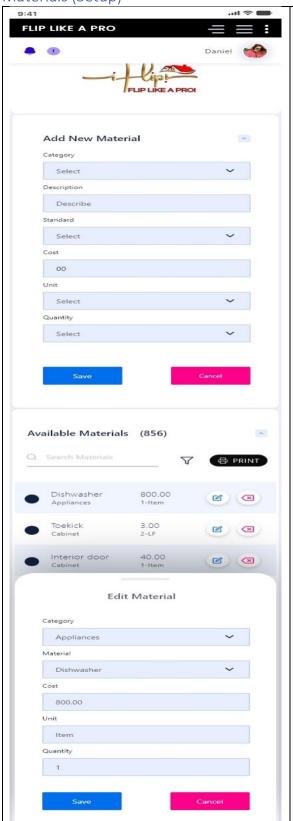
My Profile / Ez-Arv

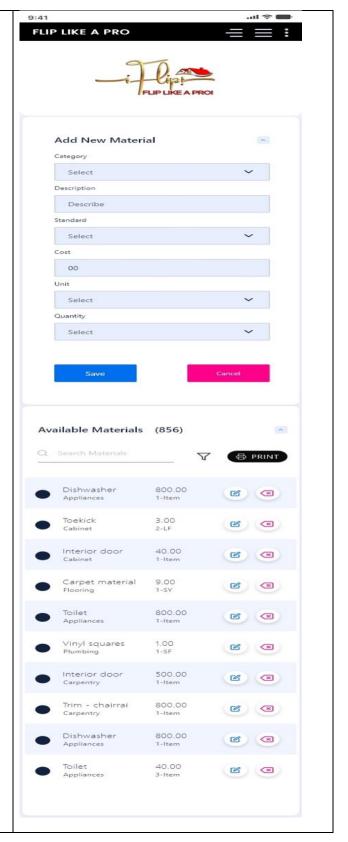


Mayo & Profit

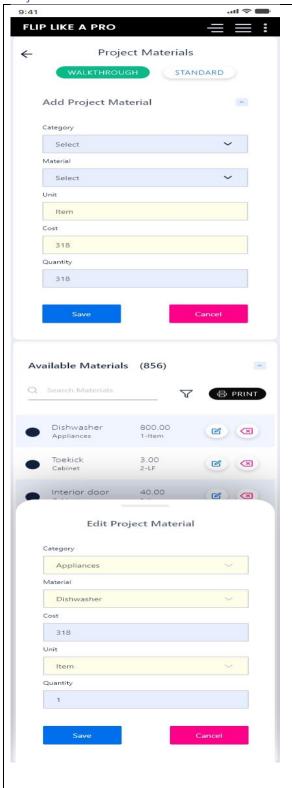


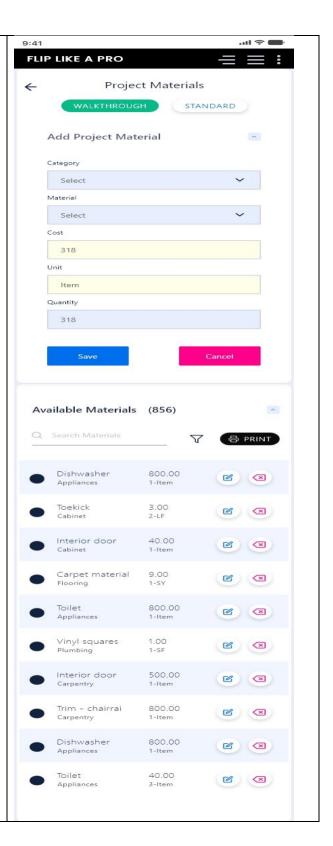
Materials (Setup)



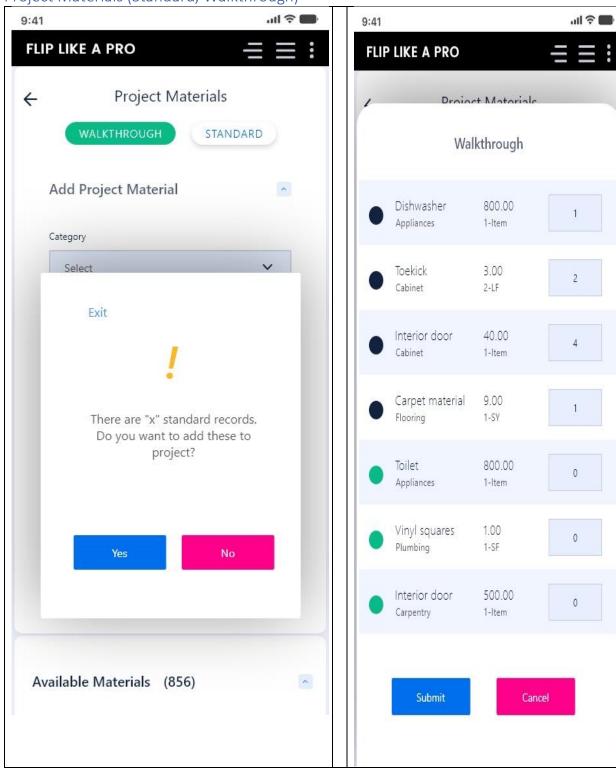


Project Materials





Project Materials (Standard, Walkthrough)



Project Summary

