

ACCULYNX



Android Dashboard Widget Designs

May 2nd 2022

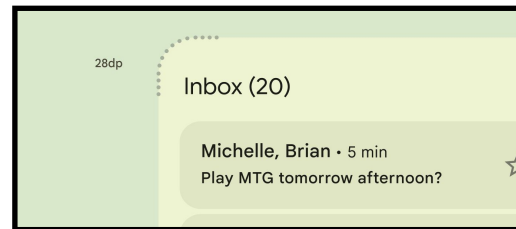
Widget Research

Android widgets are small applications that can be placed on the home screen of an Android device.

- They are mainly used to show critical information to the user without them needing to open another application.
- Depending on the type of widget you are using, they display information like time, weather reports, directions, and many more.

Widgets help improve the overall functionality of an app and save precious time from opening apps for small tasks like checking the weather forecast.

- In Material Design 3, widgets have 28dp round corners

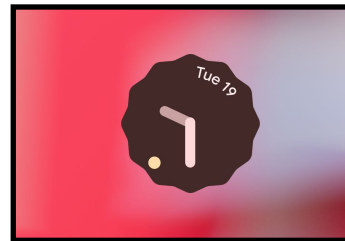


Widget Research

3 Types of Widgets:

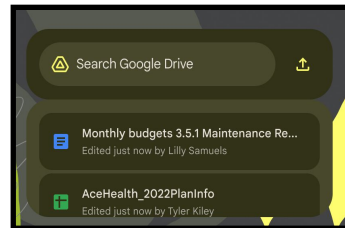
→ Information Widgets

- Typically display a few key informational elements. They also show how the info changes over time. Common cases of this widget would be for weather, clocks, or sports scores.



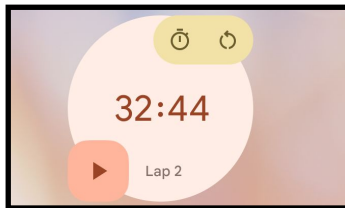
→ Collection Widgets

- Display multiple elements of the same type like pictures, articles, messages, or emails. These widgets can scroll vertically. Use cases for this widget include: browsing a collection and interacting with elements, like checking an item off of a to-do list.



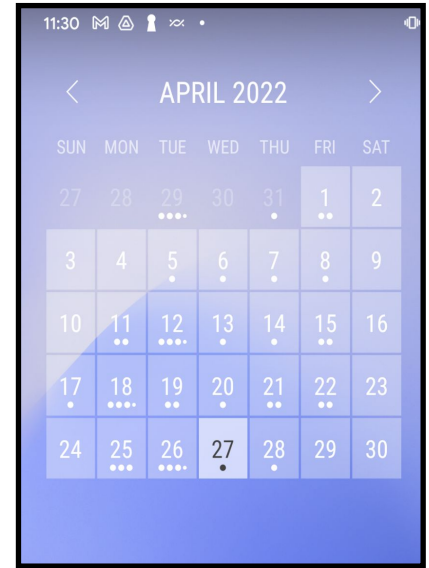
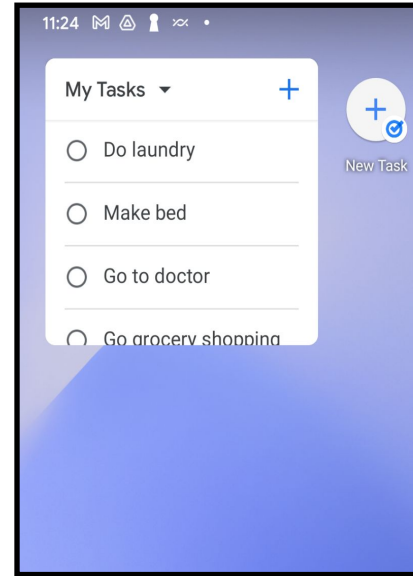
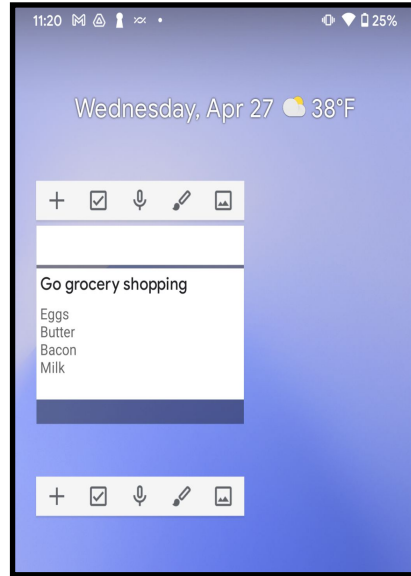
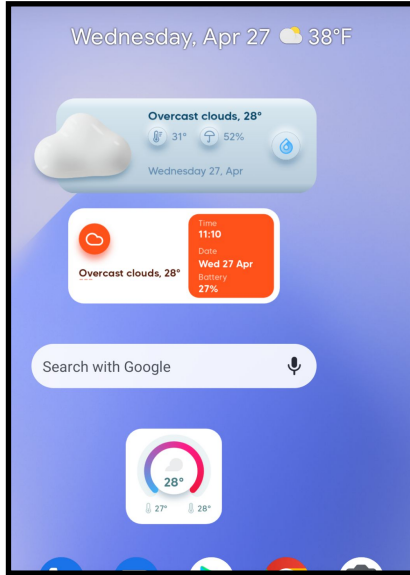
→ Hybrid Widgets

- Combine different elements in the same container.



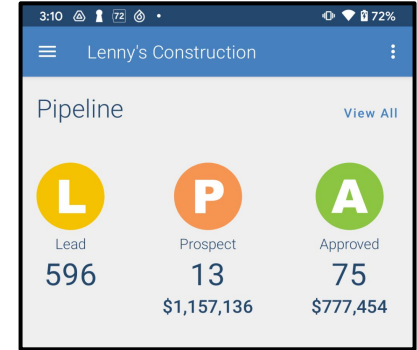
Widgets From Other Android Applications

Overdrop Weather App(1), Google Keep(2), Google Tasks(3), and Month (4)

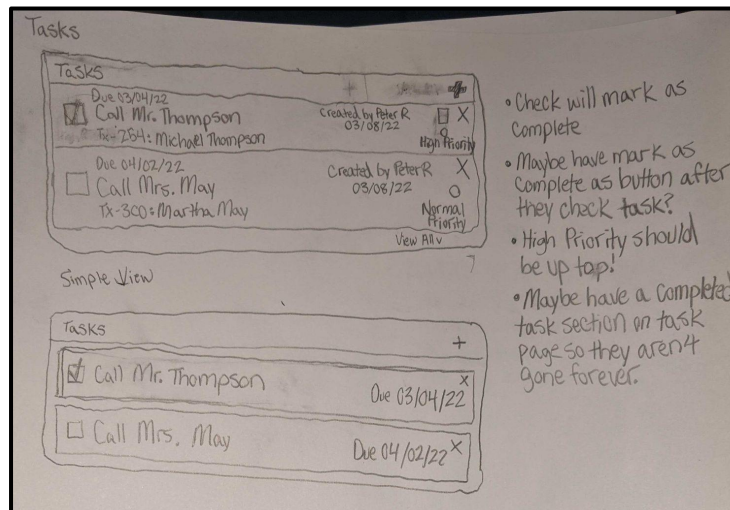
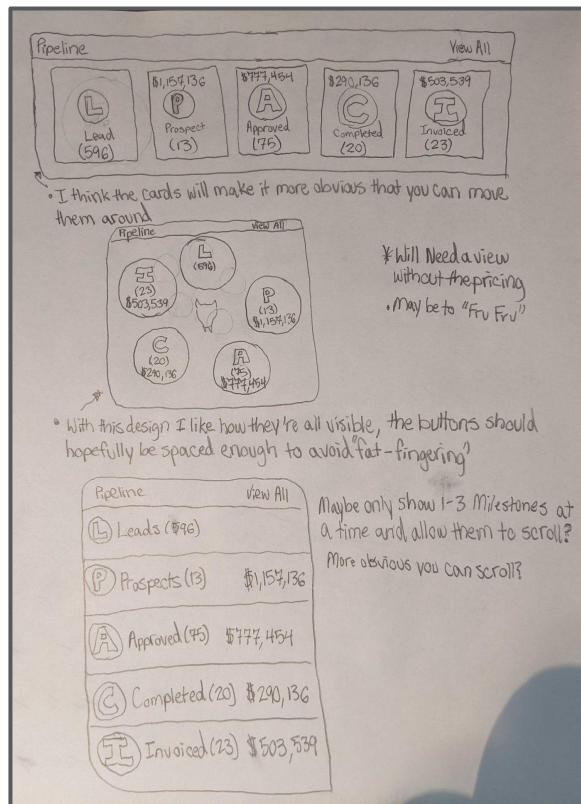


Initial Observations on Current Dashboard

- It is not clear you can swipe to the left to see more of the pipeline because of its “False Edge” that doesn’t show the start of the next milestone.
- The milestones aren’t visible all at one time. I know the original design was to help prevent “fat-fingering” but I’m wondering if there is a way around that?
- It is not immediately clear that you can swipe to dismiss and complete a task.
- The “High Priority” task is not very noticeable and should also default to the top. I also think the tasks should act more like a checklist.
- When the user has the option to scroll I think there should be a scroll bar that acts as a visual cue to the user that there is more information to be seen.

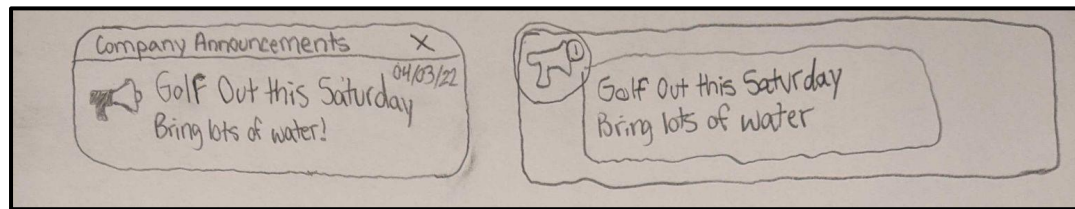


Widget Design Sketches



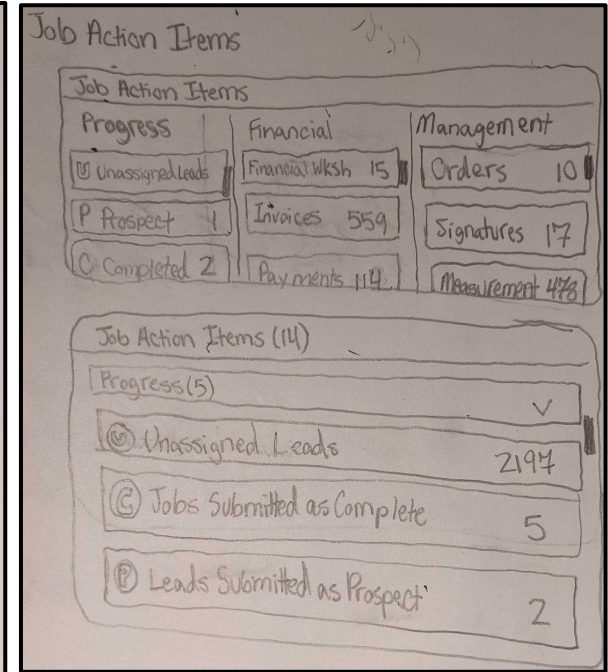
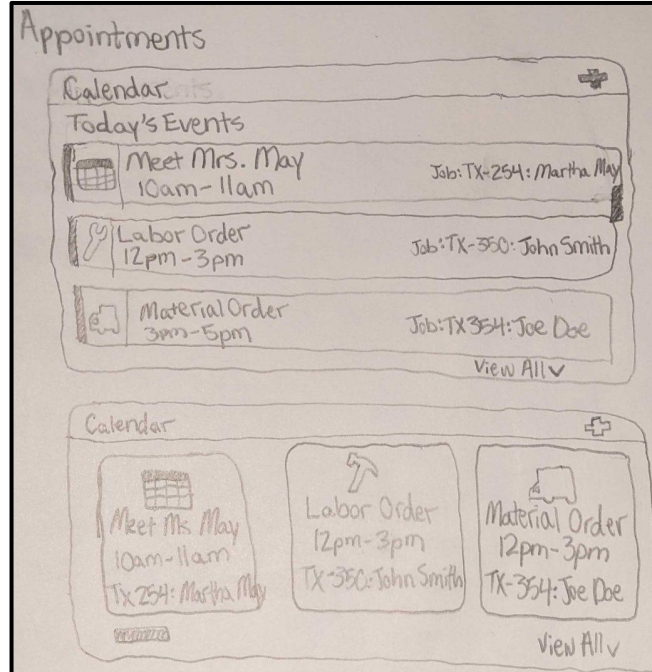
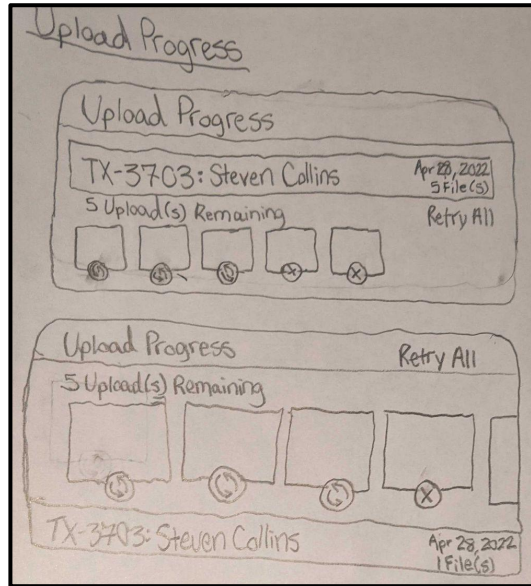
Sketches of:

Milestone Pipeline (Left),
Tasks (Right-Top),
and Company
Announcements
(Right-Bottom)



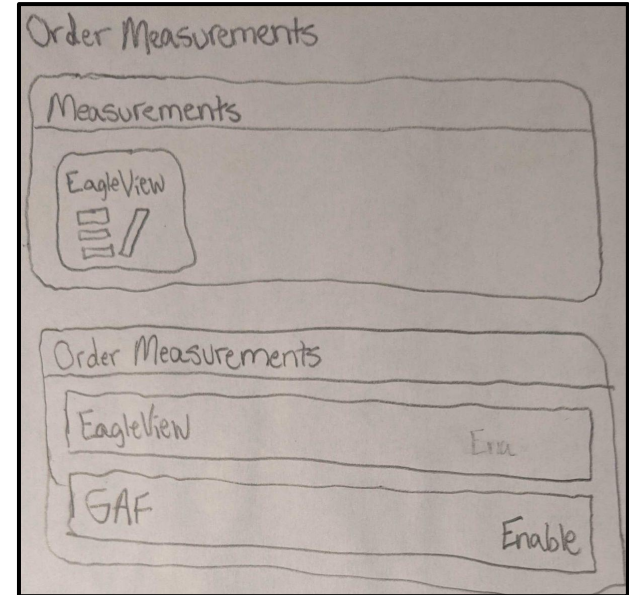
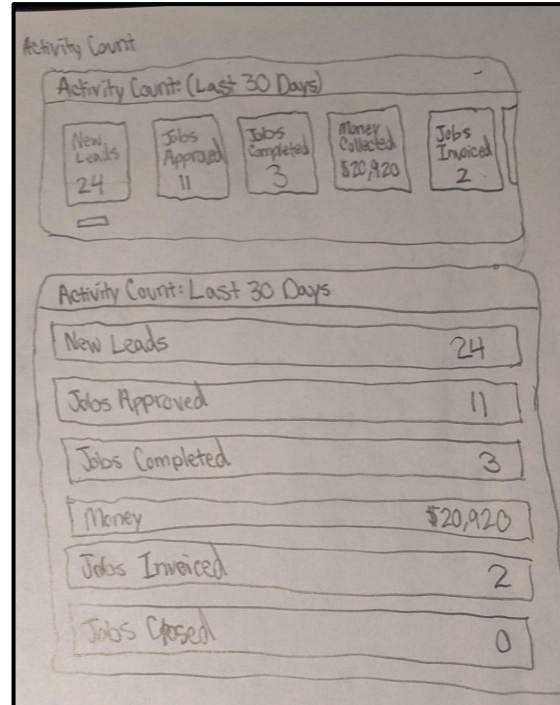
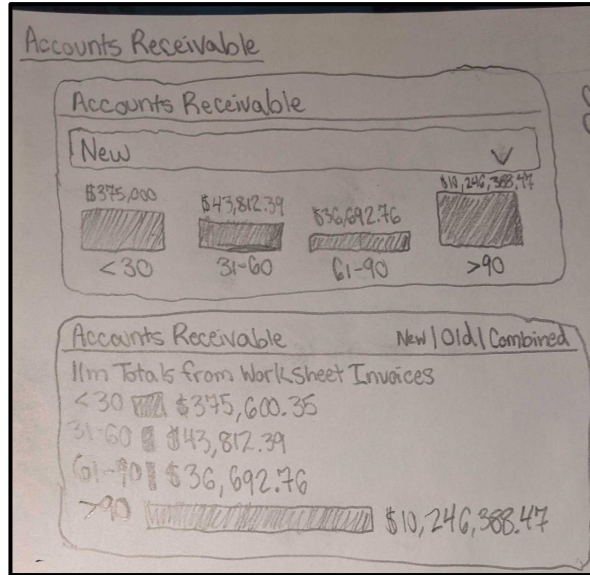
Widget Design Sketches

Sketches of: Upload Progress(1), Appointments(2), and Job Action Items(3)

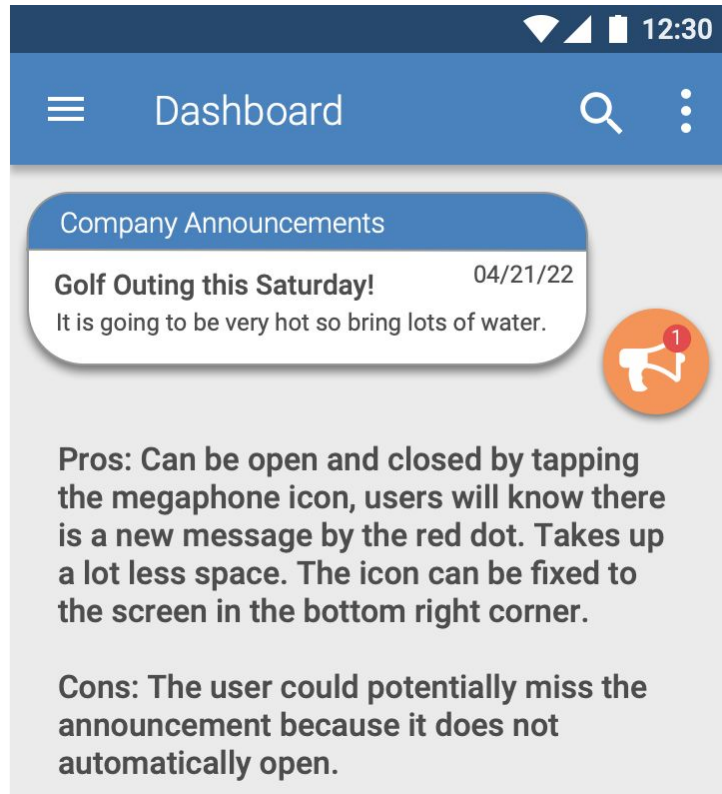
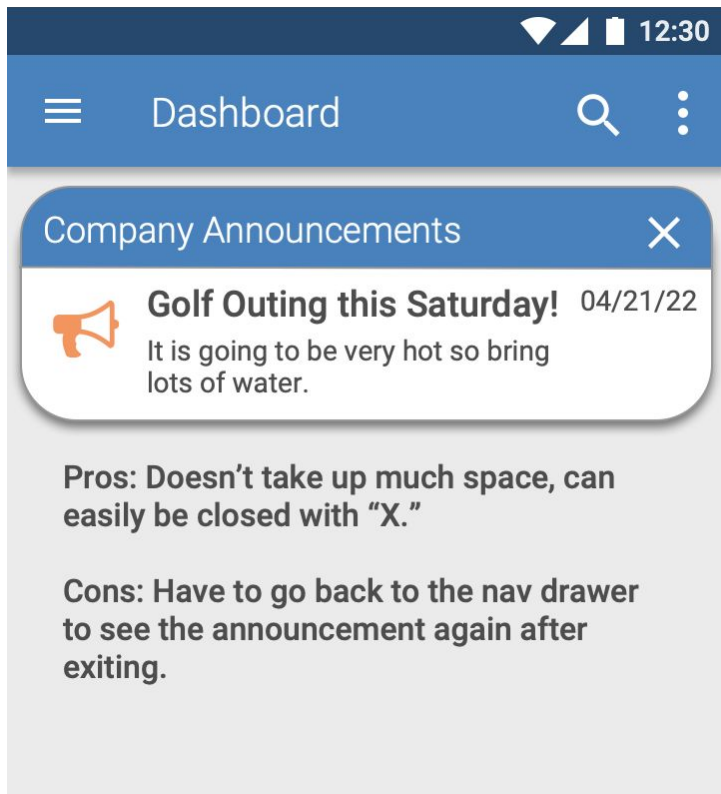


Widget Design Sketches

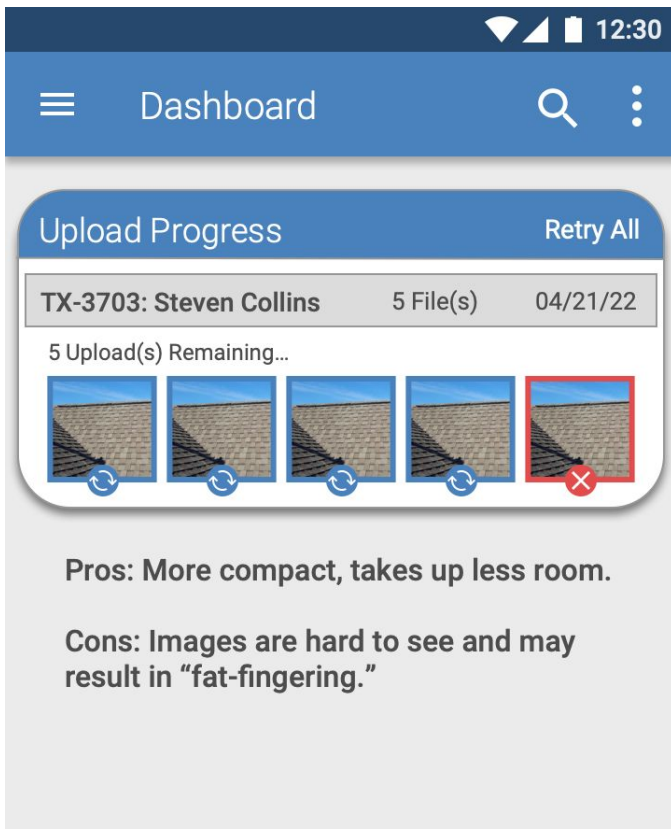
Sketches of: Accounts Receivable(1), Activity Count(2), and Order Measurements(3)



Company Announcements Widget



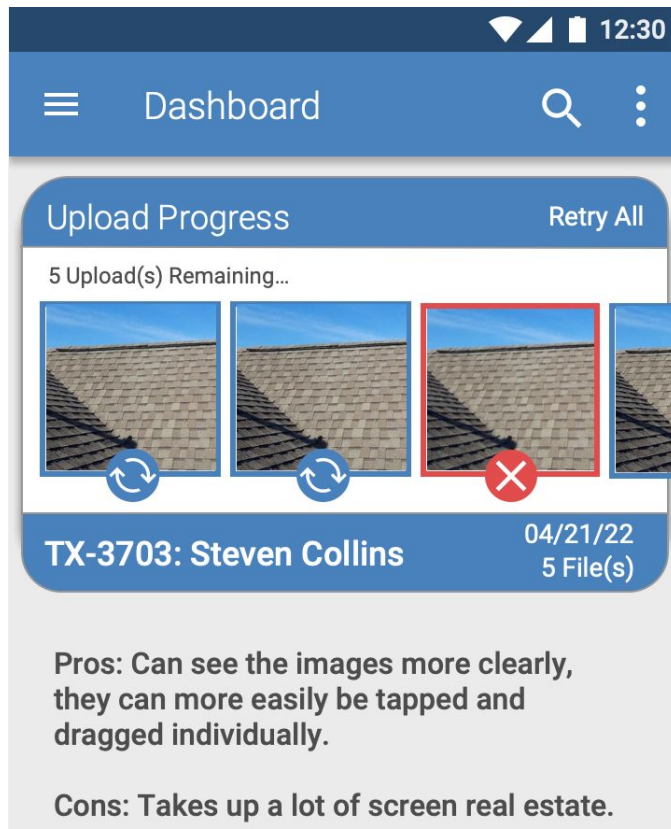
Upload Progress Widget



The screenshot shows a mobile app interface with a dark blue header bar containing a hamburger menu, the word "Dashboard", a magnifying glass icon, and three vertical dots. Below the header is a white card titled "Upload Progress" with a "Retry All" button in the top right corner. The card displays a header row with "TX-3703: Steven Collins", "5 File(s)", and "04/21/22". Below this, it says "5 Upload(s) Remaining..." and shows five small thumbnail images of a roof. The first four thumbnails have blue circular refresh icons, and the fifth has a red square border and a red circular error icon with a white 'X'.

Pros: More compact, takes up less room.

Cons: Images are hard to see and may result in "fat-fingering."

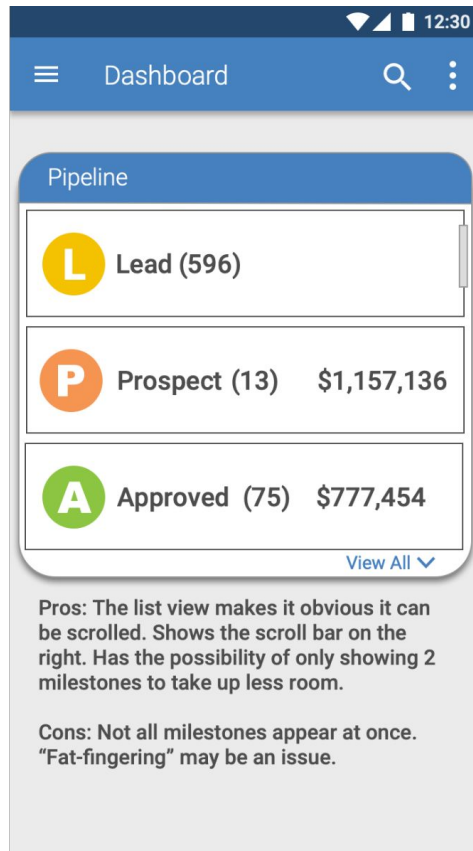
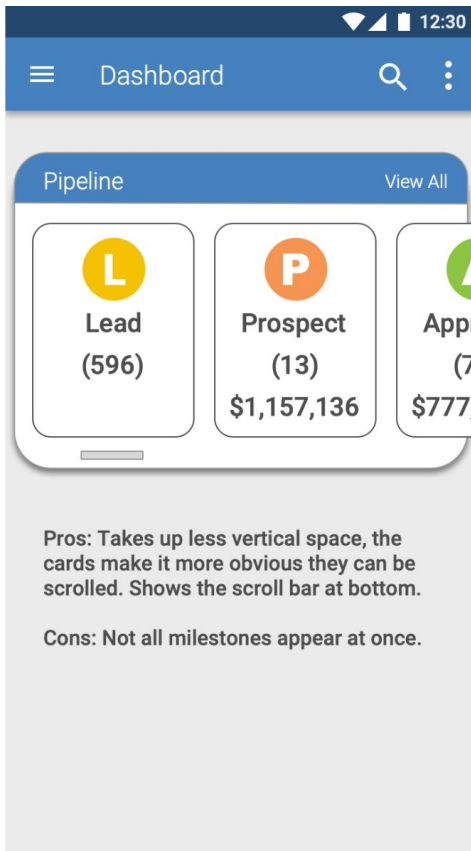
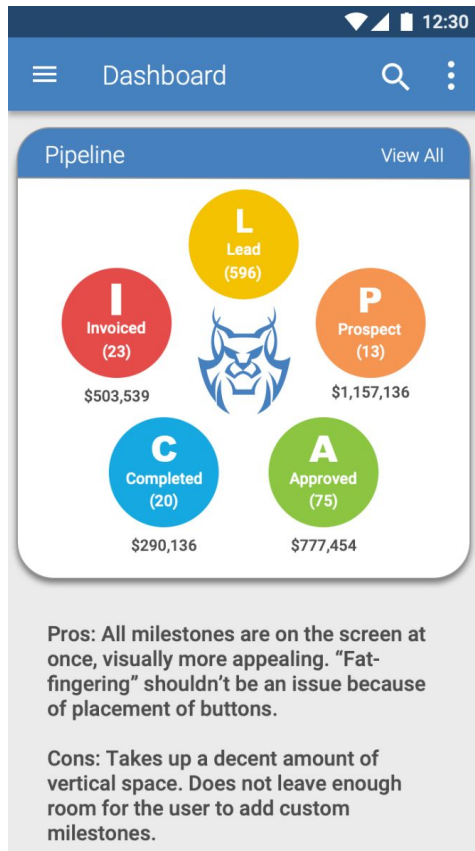


The screenshot shows the same mobile app interface as the left, but with a larger "Upload Progress" widget. The card has the same header and title. It displays "5 Upload(s) Remaining..." and shows five larger thumbnail images of a roof. The first four thumbnails have blue circular refresh icons, and the fifth has a red square border and a red circular error icon with a white 'X'. Below the thumbnails, the card displays "TX-3703: Steven Collins" and "04/21/22 5 File(s)".

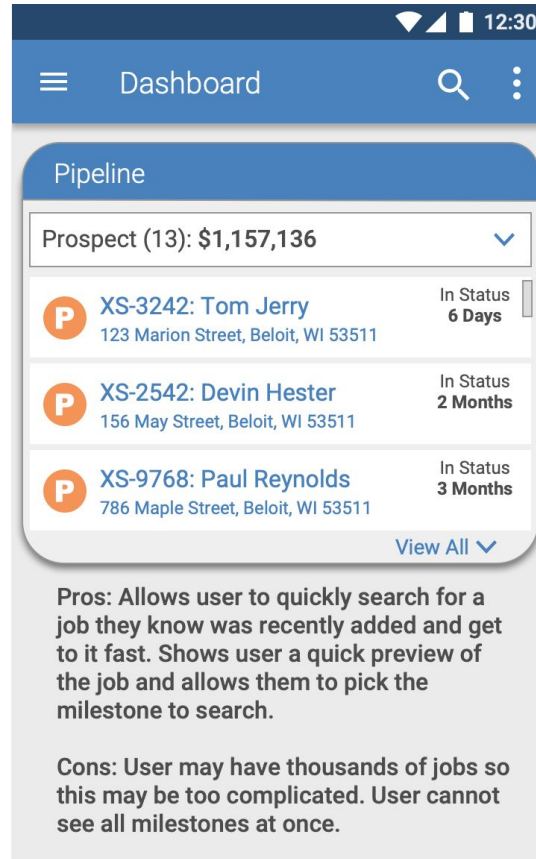
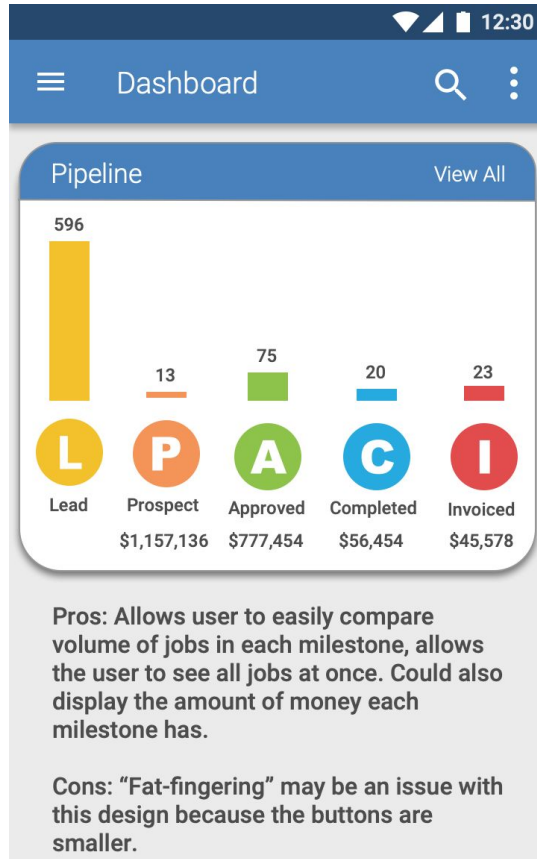
Pros: Can see the images more clearly, they can more easily be tapped and dragged individually.

Cons: Takes up a lot of screen real estate.

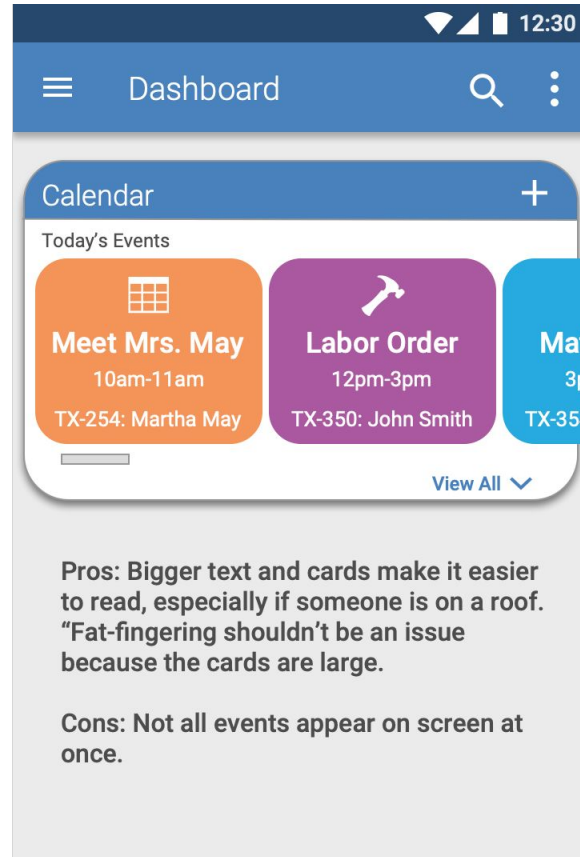
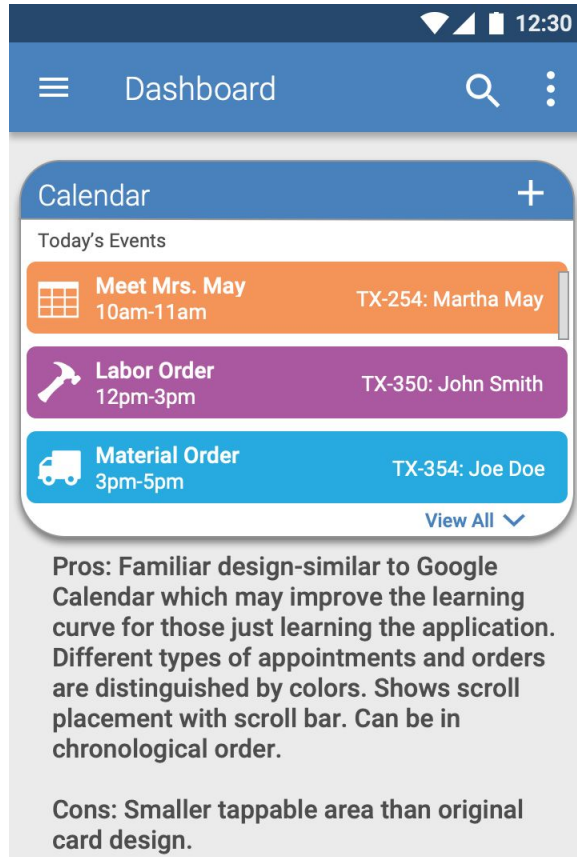
Milestone Pipeline Widget



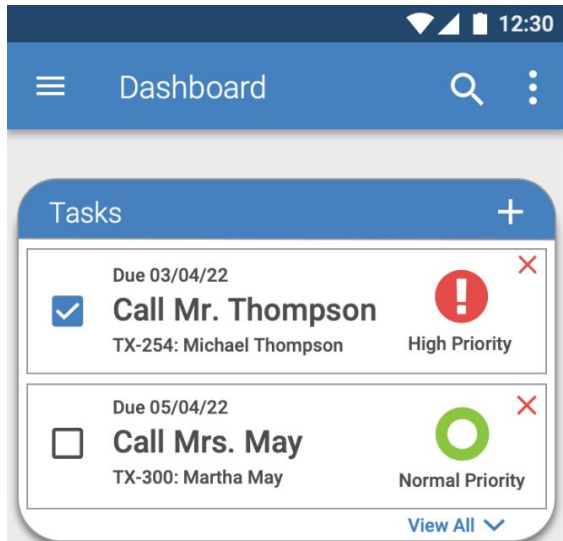
Milestone Pipeline Widget



Calendar/Appointments Widget



Tasks Widget



Dashboard

Tasks

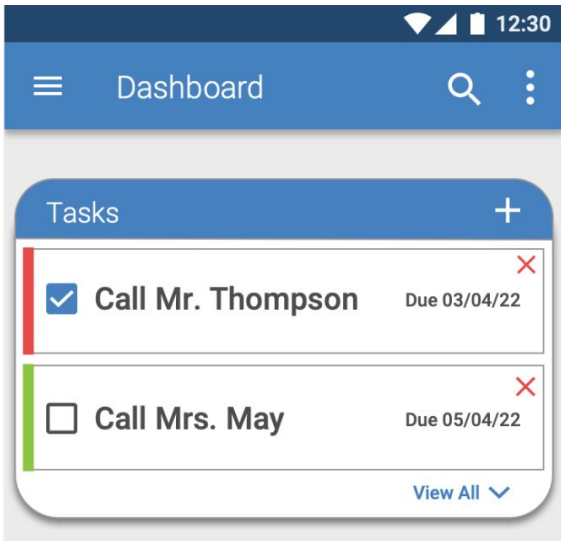
Due 03/04/22
☒ **Call Mr. Thompson**
TX-254: Michael Thompson High Priority

Due 05/04/22
☐ **Call Mrs. May**
TX-300: Martha May Normal Priority

View All

Pros: High Priority are at the top and more obvious they are a priority. The checklist will make it easy to complete tasks and dismiss them. Includes the job the task is associated with.

Cons: A lot of information on it so it looks a bit congested.



Dashboard

Tasks

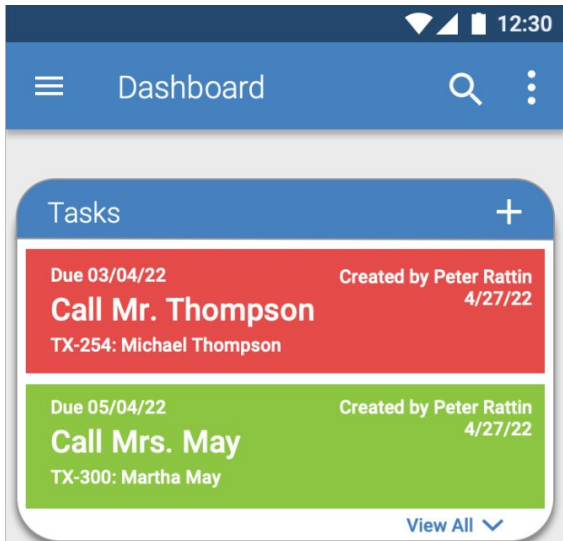
☒ **Call Mr. Thompson** Due 03/04/22

☐ **Call Mrs. May** Due 05/04/22

View All

Pros: Much simpler view that still allows for the same complete and dismiss functionality.

Cons: Less information is provided, they would have to visit the task page to get all the information.



Dashboard

Tasks

Due 03/04/22 Created by Peter Rattin 4/27/22
Call Mr. Thompson
TX-254: Michael Thompson

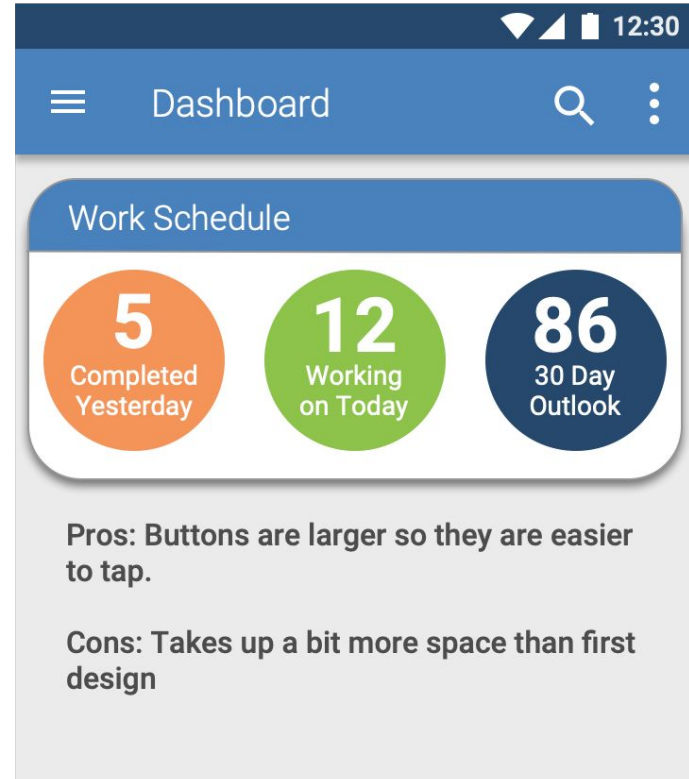
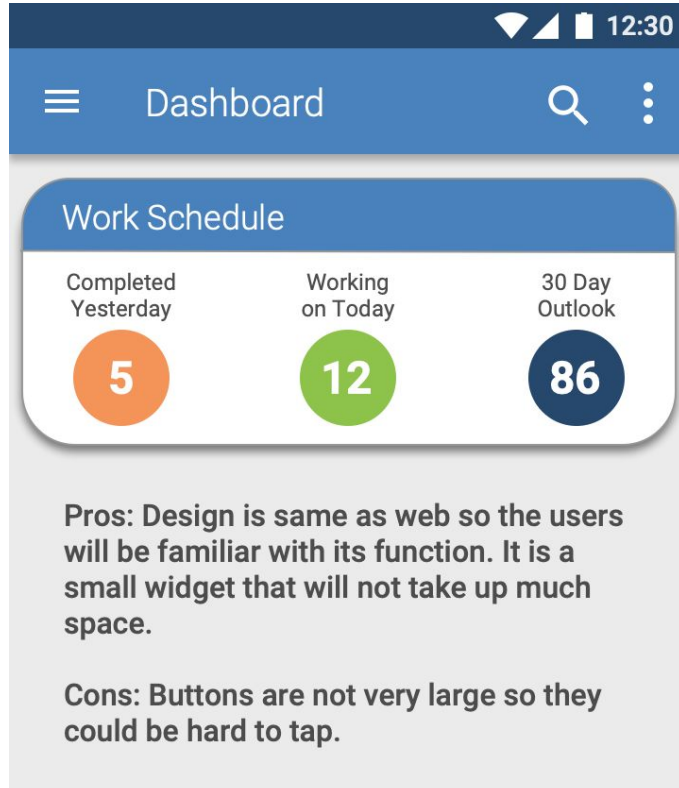
Due 05/04/22 Created by Peter Rattin 4/27/22
Call Mrs. May
TX-300: Martha May

View All

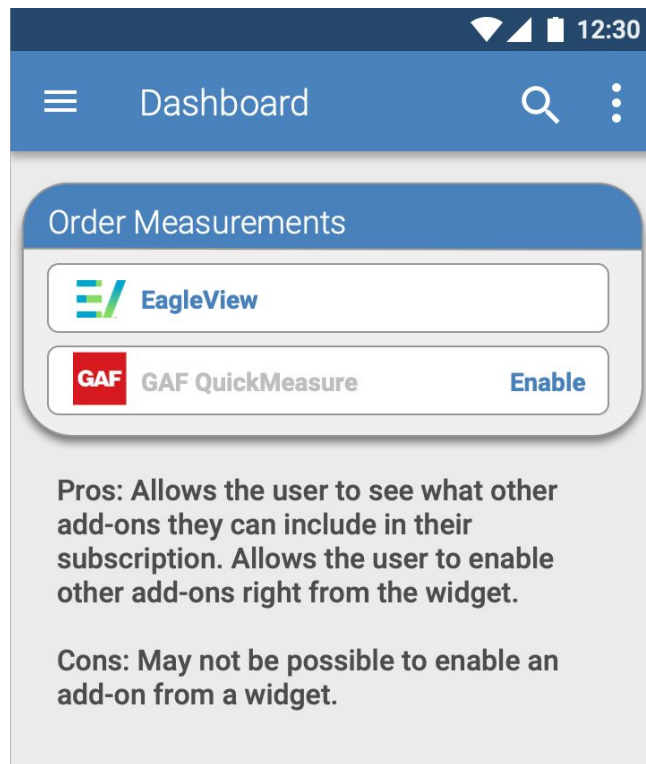
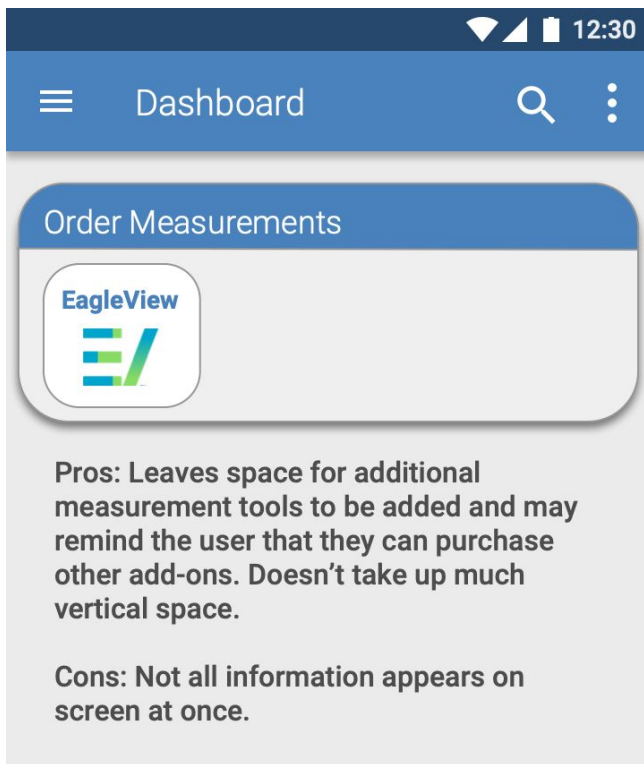
Pros: Task priority is easily identifiable by colors. Uses the same swiping functionality that is already in the app.

Cons: Older users may not be familiar with the swiping functionality.

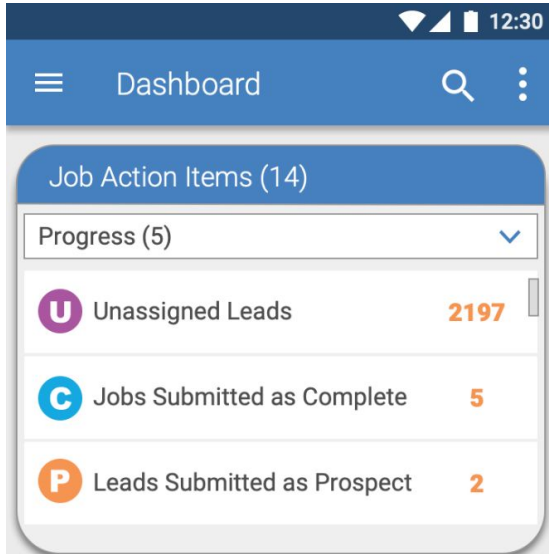
Work Scheduled Widget



Order Measurements Widget

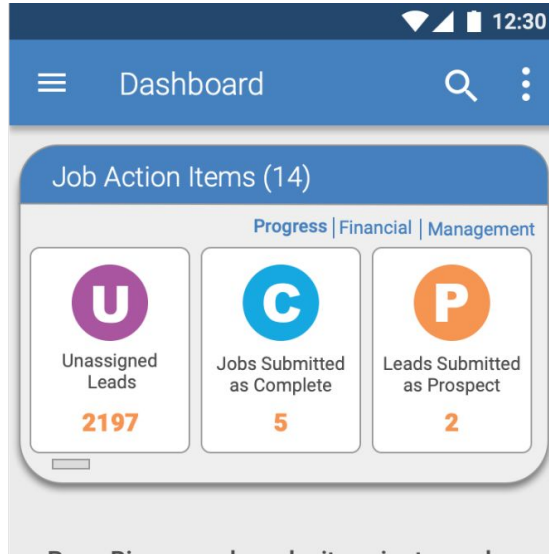


Job Action Items Widget



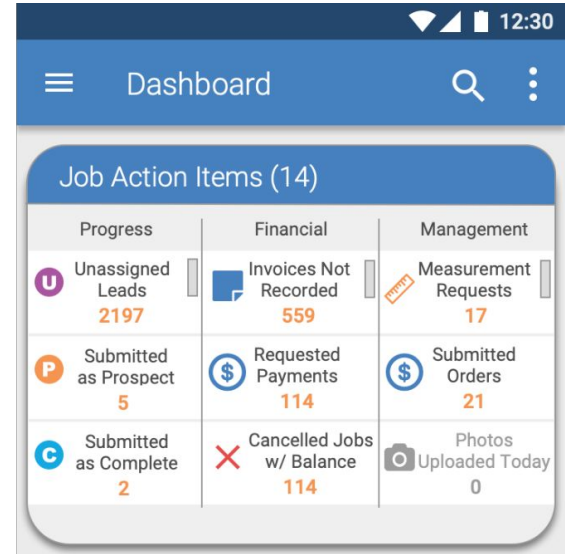
Pros: Much cleaner and less cluttered design. Buttons are much bigger and easier to read. Any new updates will appear at the top.

Cons: Can only show one section of the job actions at a time.



Pros: Bigger cards make it easier to read and to tap. The three filters at top allow the user to quickly switch between categories.

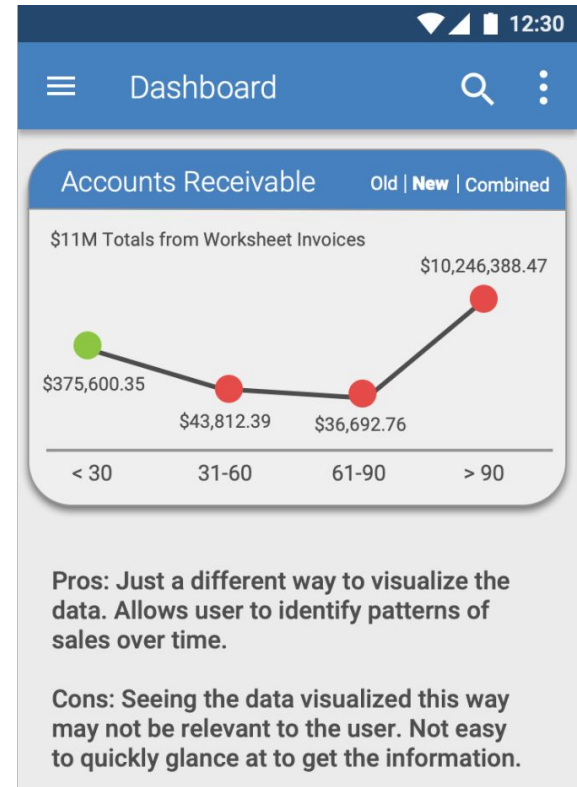
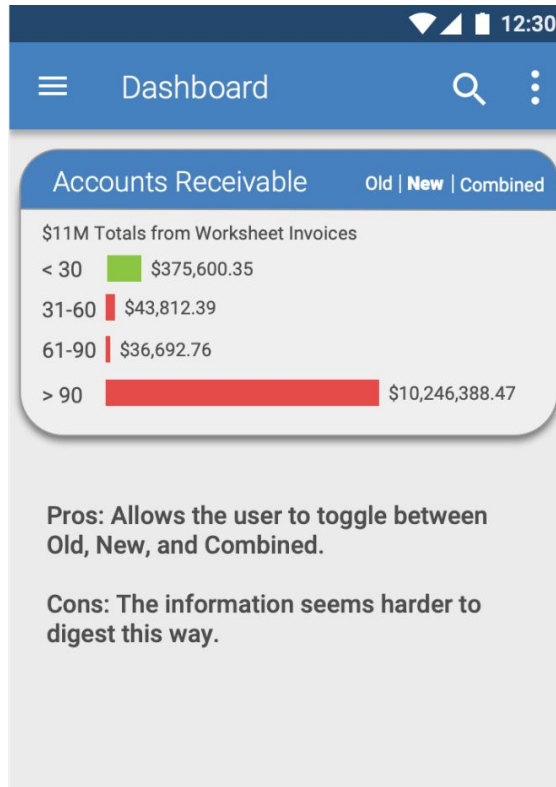
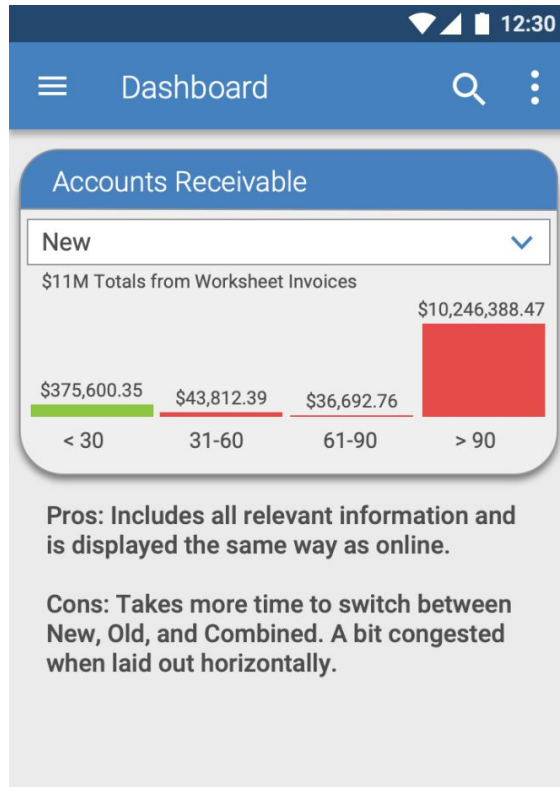
Cons: Not much information can fit on the screen at one time.



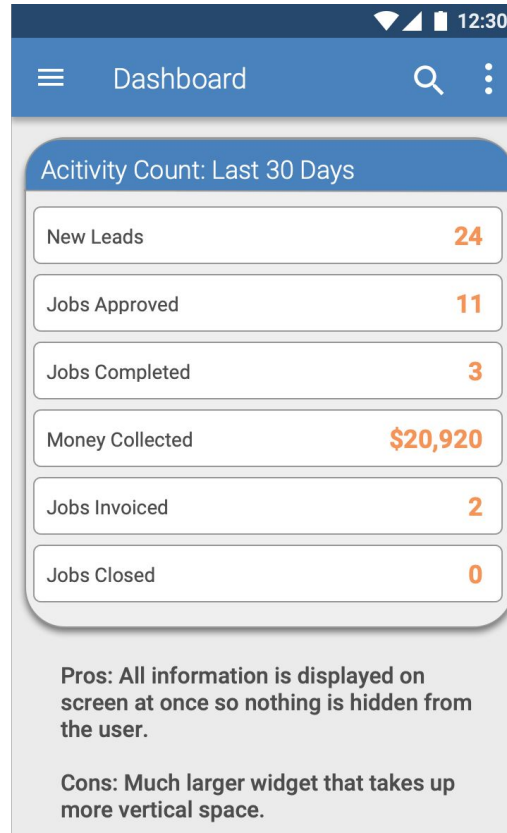
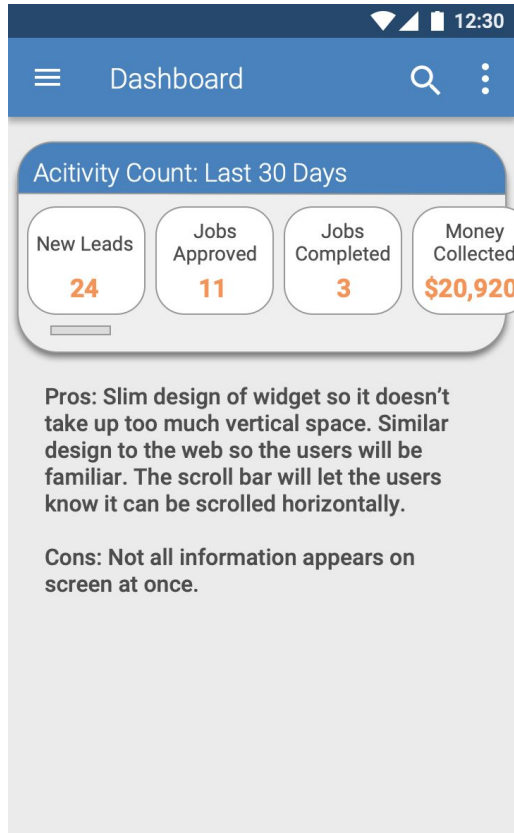
Pros: Able to fit a lot of information in a small space. Information is split into three sections like on the web.

Cons: The space is cramped and would be hard to make selection if busy doing something else.

Accounts Receivable Widget



Activity Count Widget



Entire Dashboard

