

# ACCULYNX



Android Dashboard Widget Designs

May 2nd 2022

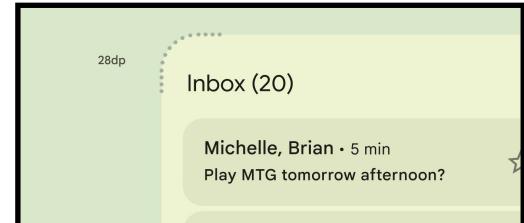
# Widget Research

**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

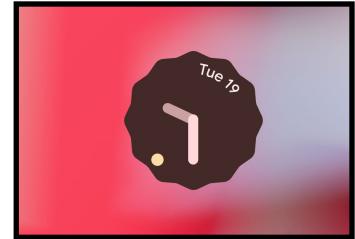


# Widget Research

## 3 Types of Widgets:

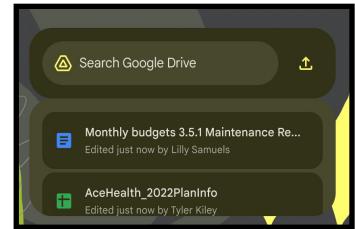
### → Information Widgets

- 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.



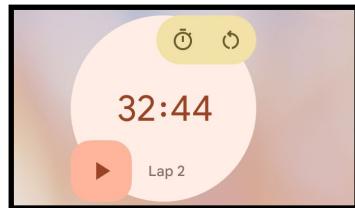
### → Collection Widgets

- 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.



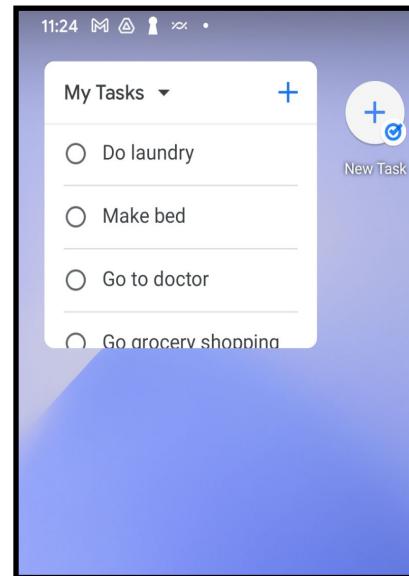
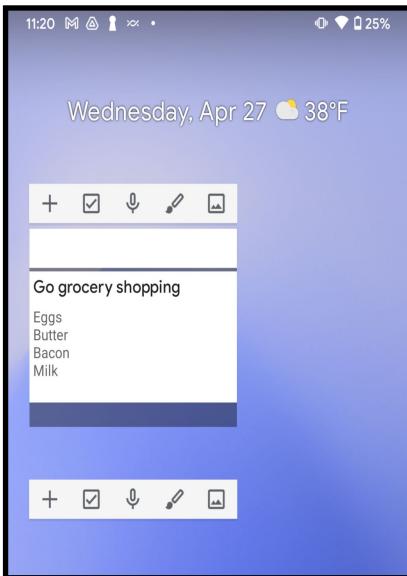
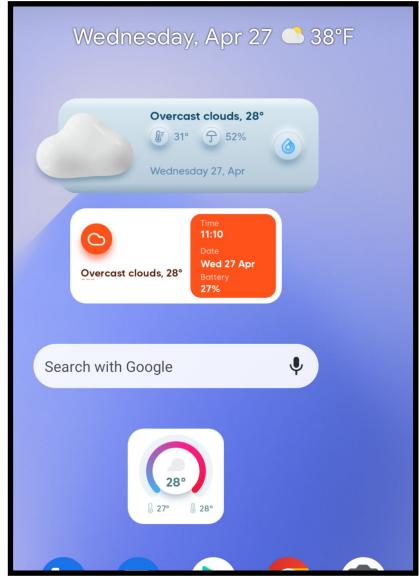
### → Hybrid Widgets

- 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)

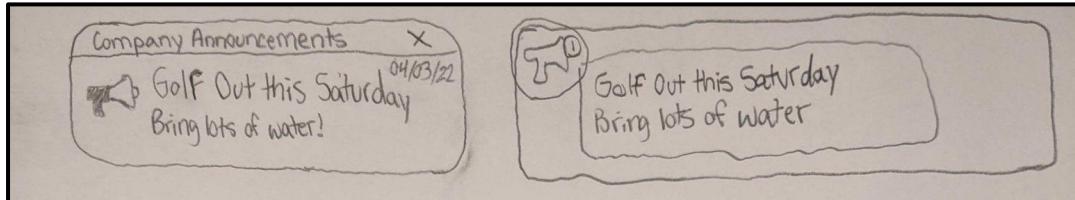
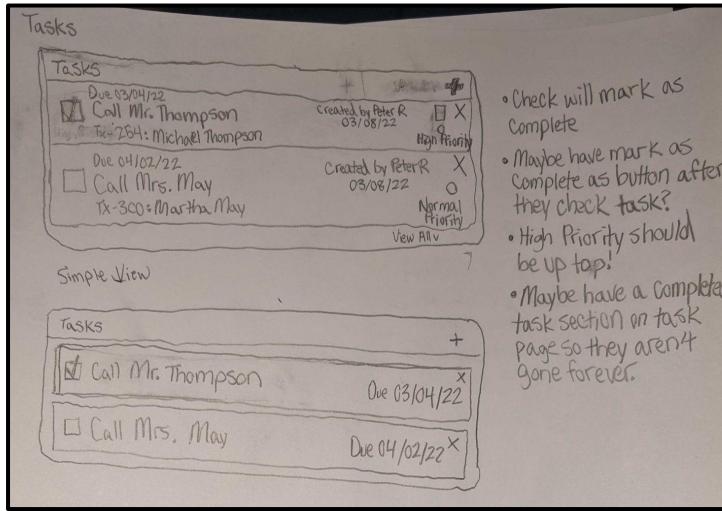
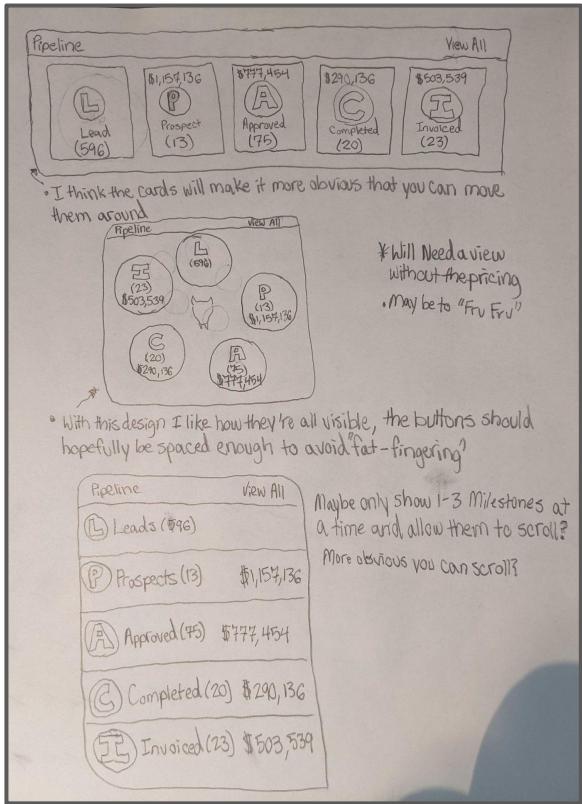


# Initial Observations on Current Dashboard

- 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.



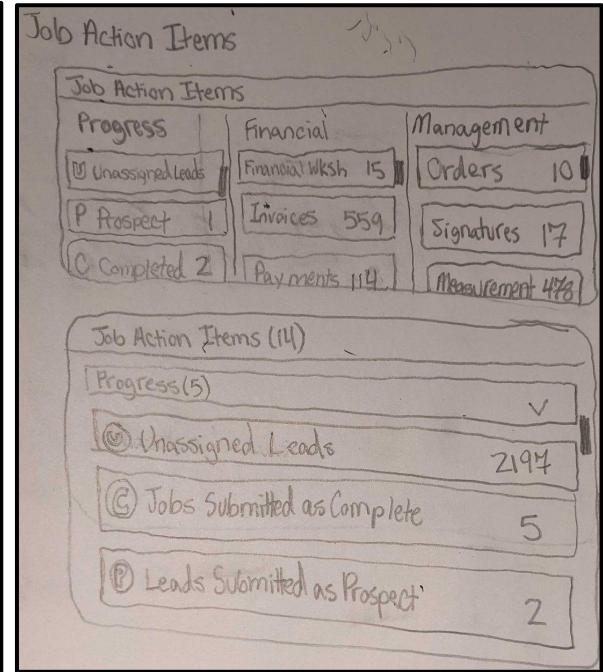
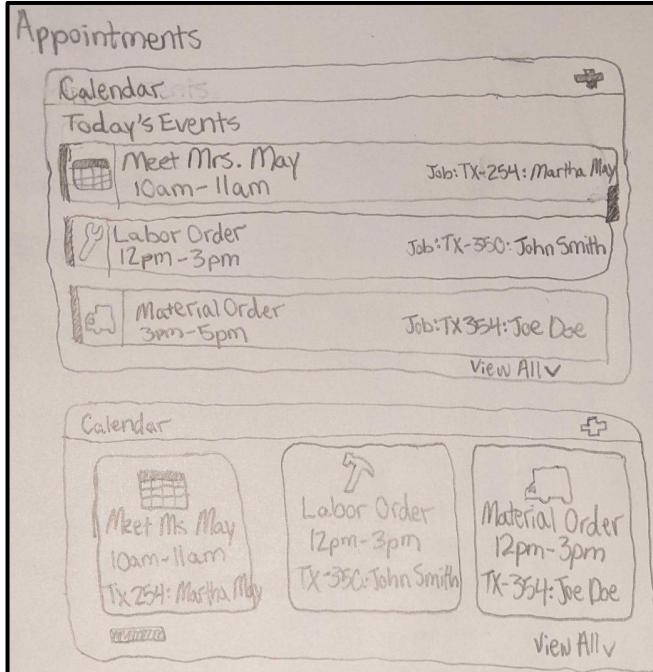
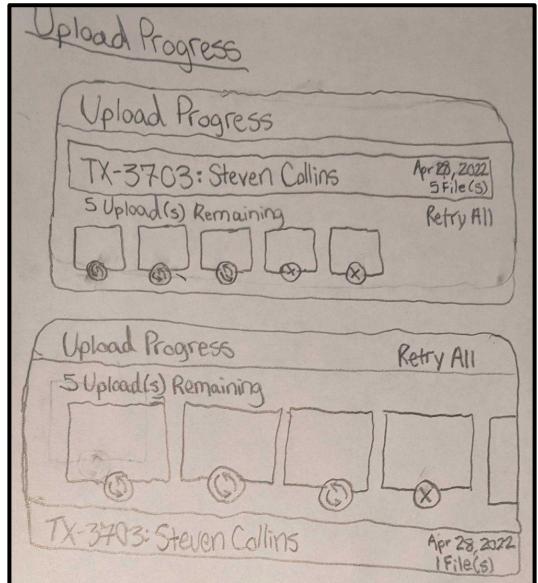
# Widget Design Sketches



**Sketches of:**  
Milestone Pipeline (Left),  
Tasks (Right-Top),  
and Company  
Announcements  
(Right-Bottom)

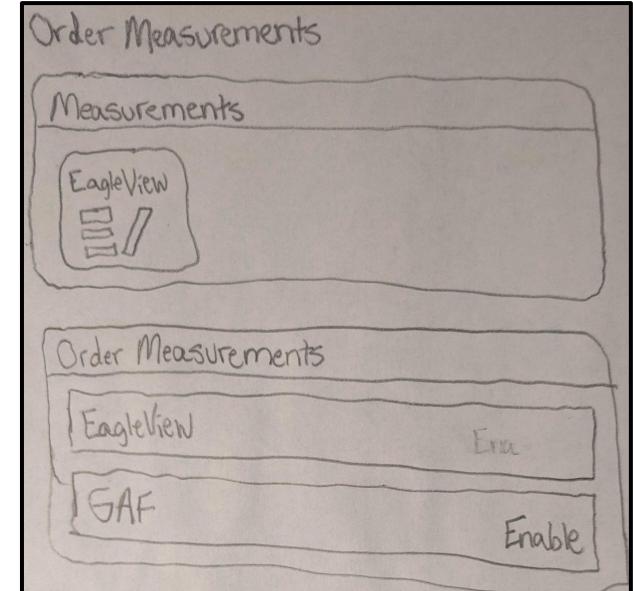
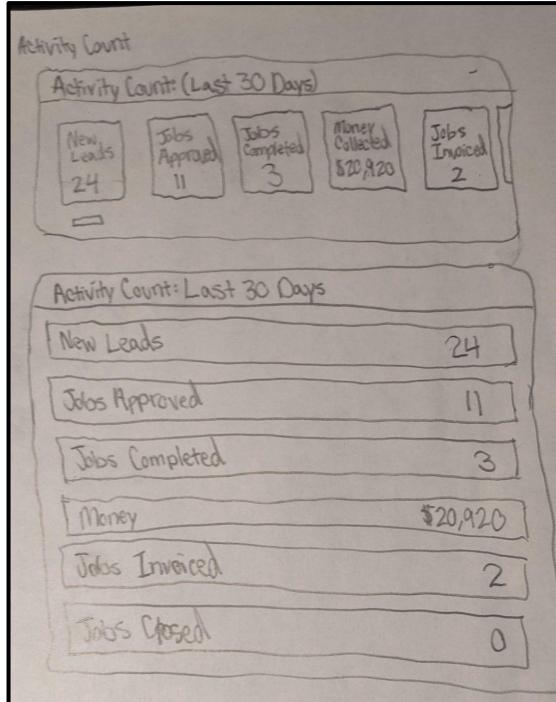
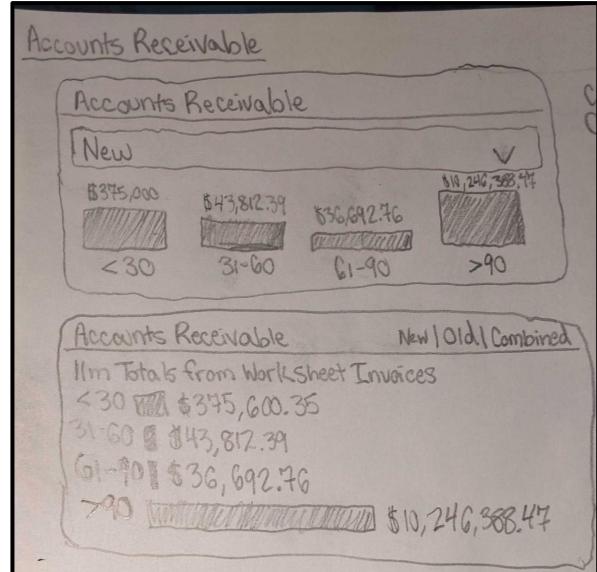
# Widget Design Sketches

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

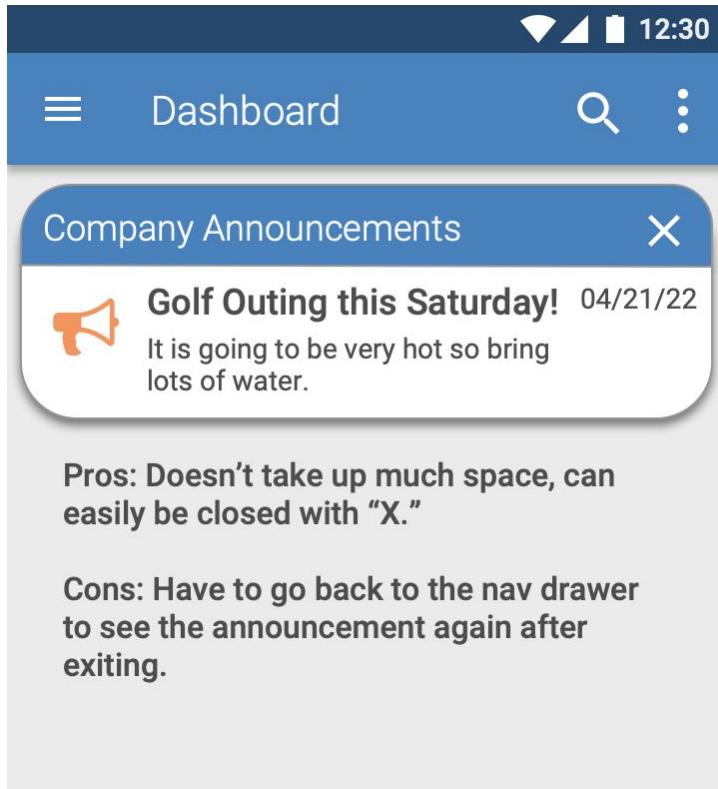


# Widget Design Sketches

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



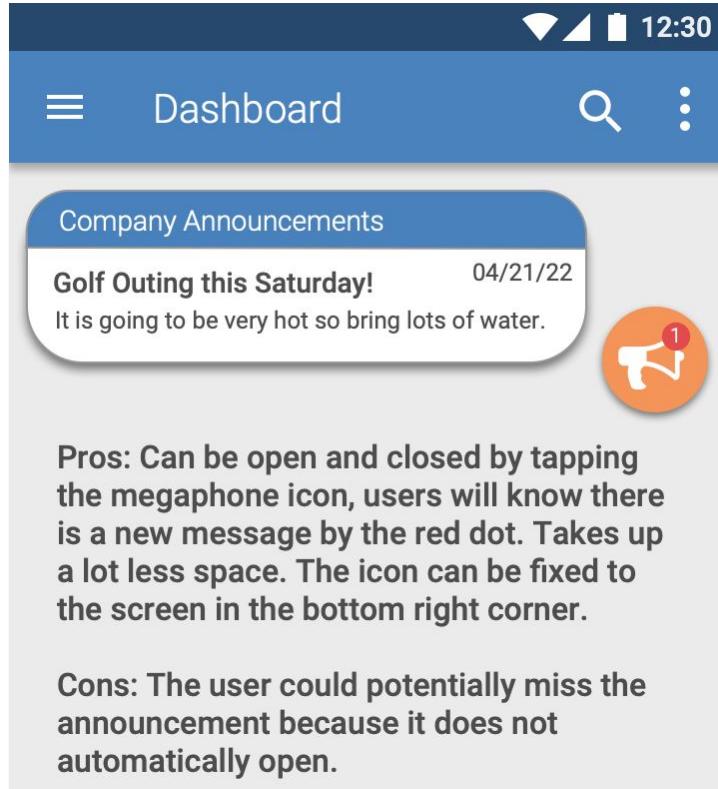
# Company Announcements Widget



The screenshot shows a mobile application interface with a blue header bar at the top containing icons for signal strength, battery level, and the time (12:30). Below the header is a navigation bar with a menu icon, the word "Dashboard", a search icon, and a more options icon. A large, semi-transparent white box overlaps the main content area. This box has a blue header bar with the text "Company Announcements" and a red "X" icon on the right. Inside the box, there is an orange megaphone icon on the left, followed by the text "Golf Outing this Saturday! 04/21/22" and "It is going to be very hot so bring lots of water." below it.

Pros: Doesn't take up much space, can easily be closed with "X."

Cons: Have to go back to the nav drawer to see the announcement again after exiting.

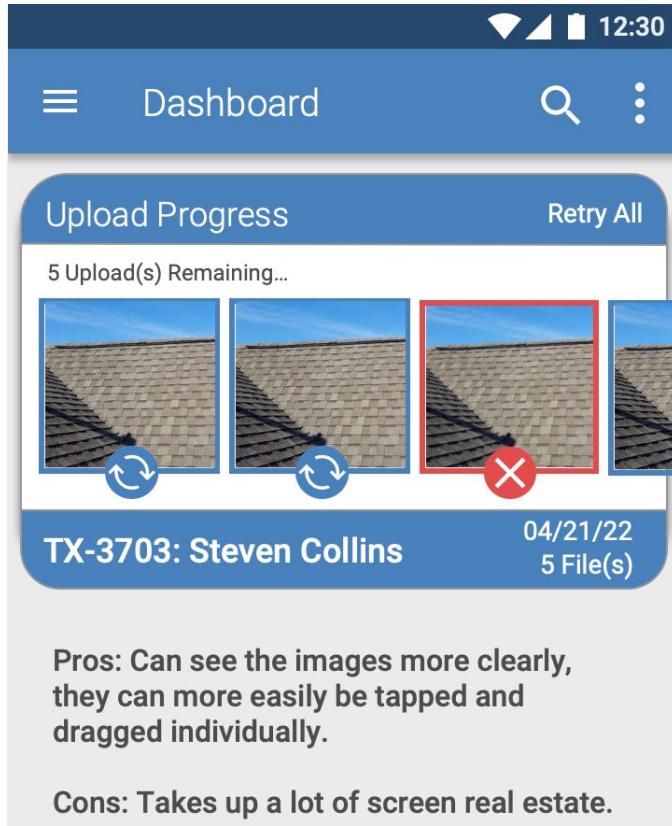
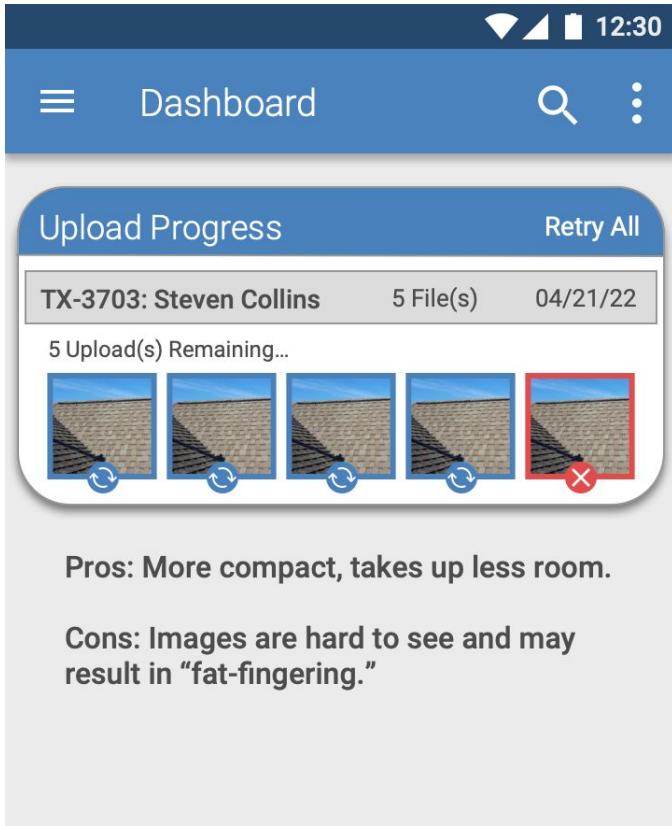


The screenshot shows the same mobile application interface as the first one. The "Company Announcements" widget is still present, displaying the same golf outing information. However, a new element is a circular orange badge with a white megaphone icon and a red number "1" in the top right corner of the screen. This badge indicates a new message or notification.

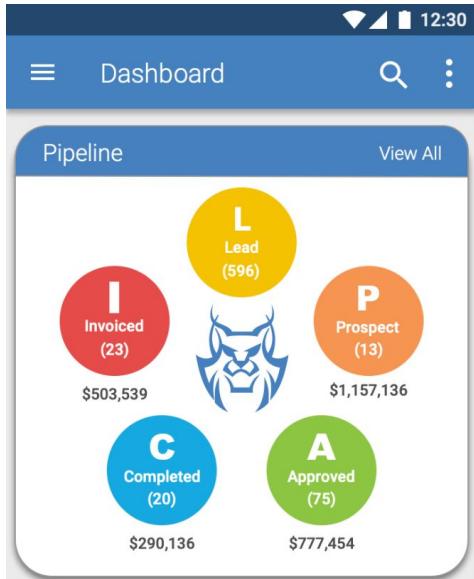
Pros: Can be open and closed by tapping the megaphone icon, users will know there is a new message by the red dot. Takes up a lot less space. The icon can be fixed to the screen in the bottom right corner.

Cons: The user could potentially miss the announcement because it does not automatically open.

# Upload Progress Widget

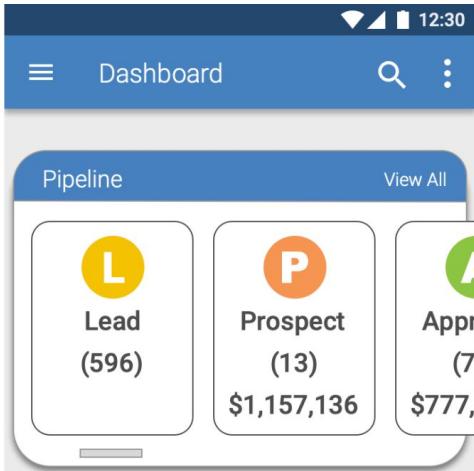


# Milestone Pipeline Widget



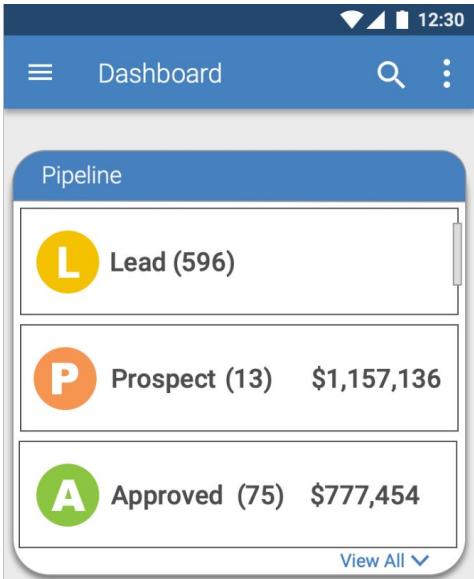
Pros: All milestones are on the screen at once, visually more appealing. "Fat-fingering" shouldn't be an issue because of placement of buttons.

Cons: Takes up a decent amount of vertical space. Does not leave enough room for the user to add custom milestones.



Pros: Takes up less vertical space, the cards make it more obvious they can be scrolled. Shows the scroll bar at bottom.

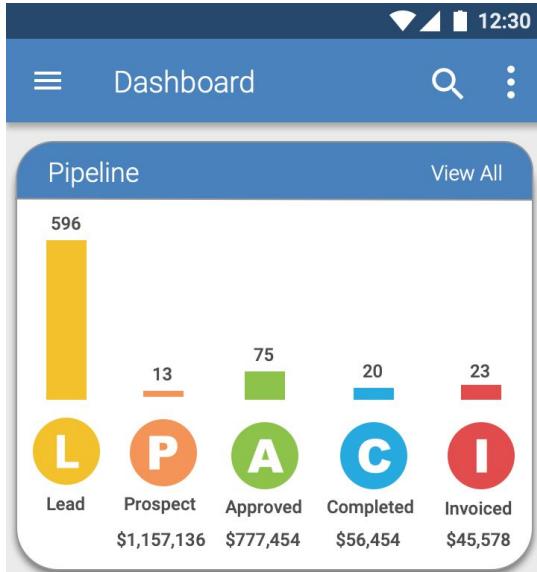
Cons: Not all milestones appear at once.



Pros: The list view makes it obvious it can be scrolled. Shows the scroll bar on the right. Has the possibility of only showing 2 milestones to take up less room.

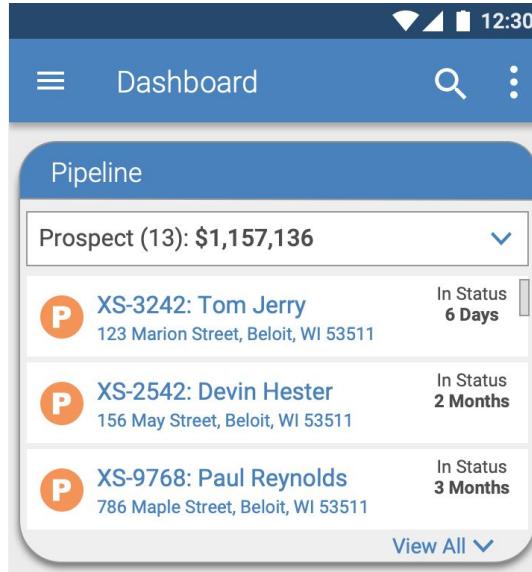
Cons: Not all milestones appear at once. "Fat-fingering" may be an issue.

# Milestone Pipeline Widget



**Pros:** Allows user to easily compare volume of jobs in each milestone, allows the user to see all jobs at once. Could also display the amount of money each milestone has.

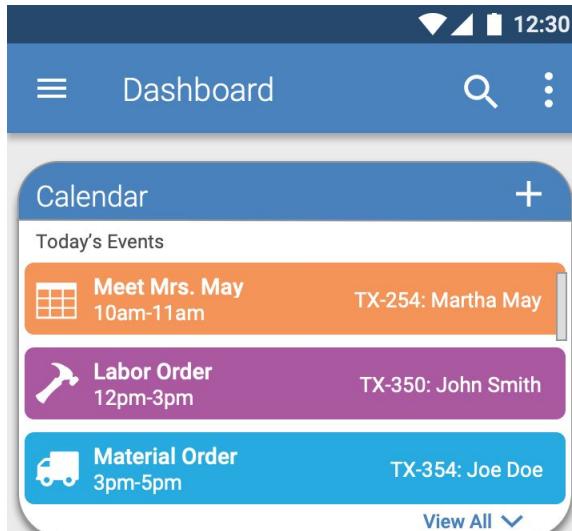
**Cons:** "Fat-fingering" may be an issue with this design because the buttons are smaller.



**Pros:** Allows user to quickly search for a job they know was recently added and get to it fast. Shows user a quick preview of the job and allows them to pick the milestone to search.

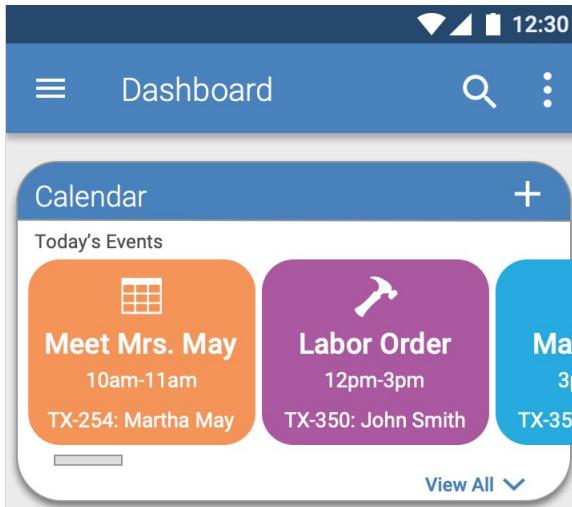
**Cons:** User may have thousands of jobs so this may be too complicated. User cannot see all milestones at once.

# Calendar/Appointments Widget



**Pros:** Familiar design-similar to Google Calendar which may improve the learning curve for those just learning the application. Different types of appointments and orders are distinguished by colors. Shows scroll placement with scroll bar. Can be in chronological order.

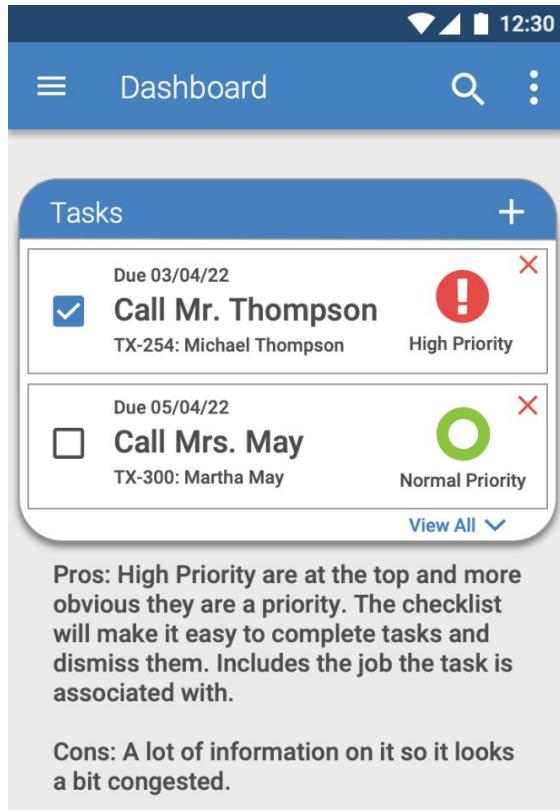
**Cons:** Smaller tappable area than original card design.



**Pros:** Bigger text and cards make it easier to read, especially if someone is on a roof. "Fat-fingering" shouldn't be an issue because the cards are large.

**Cons:** Not all events appear on screen at once.

# Tasks Widget



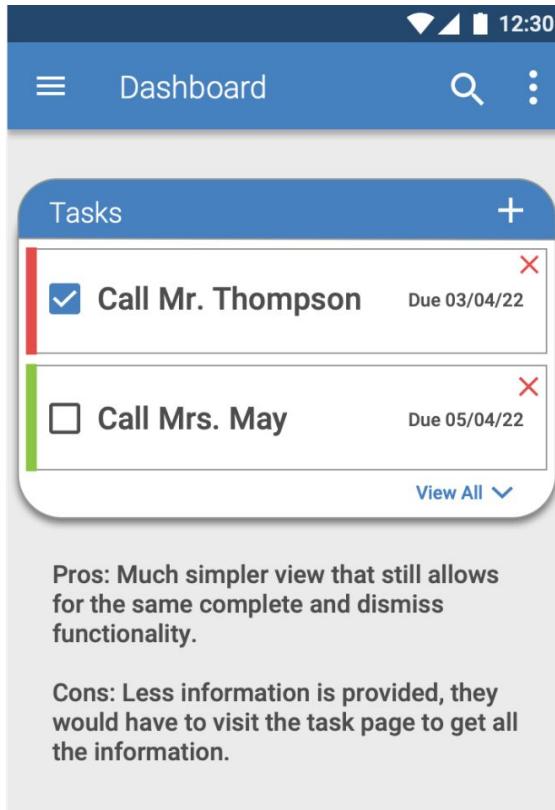
This screenshot shows a task widget on a mobile dashboard. It features a header with a menu icon, search, and more options. Below is a section titled "Tasks" with a plus sign to add new tasks. Two tasks are listed:

- Call Mr. Thompson** (High Priority): Due 03/04/22. Status: Completed (checkmark). Associated with TX-254: Michael Thompson. Priority icon: Red exclamation mark.
- Call Mrs. May** (Normal Priority): Due 05/04/22. Status: Pending (empty square). Associated with TX-300: Martha May. Priority icon: Green circle.

At the bottom are "View All" and "Dismiss" buttons.

**Pros:** High Priority tasks 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.



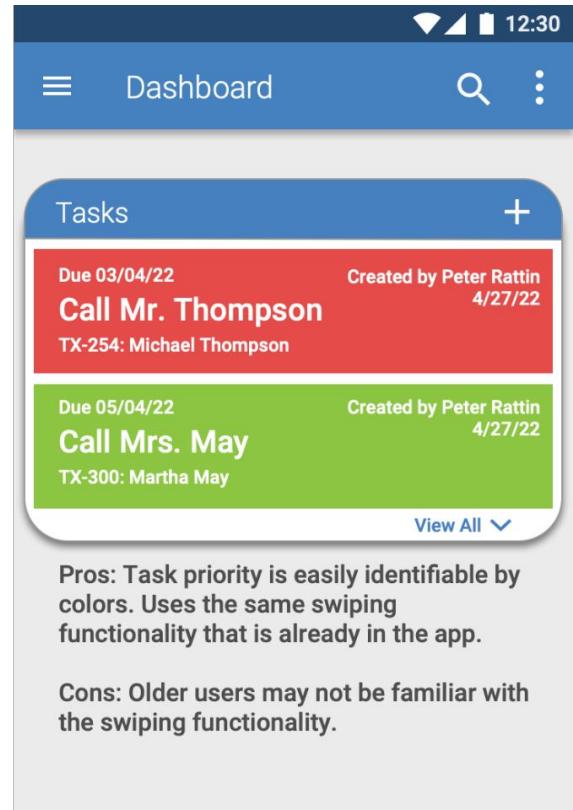
This screenshot shows a simplified task widget. It has a header with a menu icon, search, and more options. Below is a section titled "Tasks" with a plus sign to add new tasks. Two tasks are listed:

- Call Mr. Thompson**: Due 03/04/22. Status: Completed (checkmark). Associated with TX-254: Michael Thompson. Priority icon: Red exclamation mark.
- Call Mrs. May**: Due 05/04/22. Status: Pending (empty square). Associated with TX-300: Martha May. Priority icon: Green circle.

At the bottom is a "View All" button.

**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.



This screenshot shows a task widget using color-coded priority. It has a header with a menu icon, search, and more options. Below is a section titled "Tasks" with a plus sign to add new tasks. Two tasks are listed:

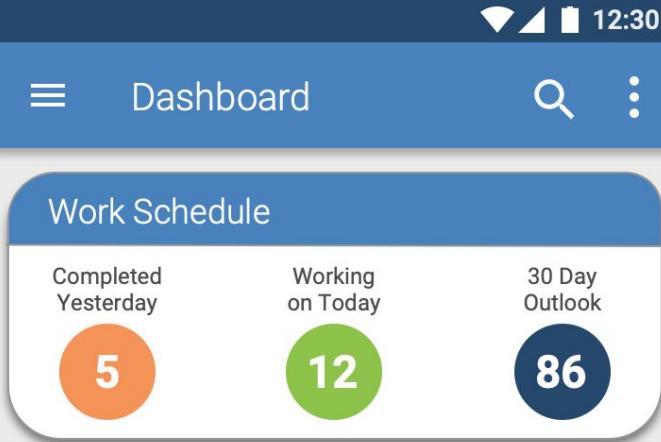
- Call Mr. Thompson** (Created by Peter Rattin 4/27/22): Due 03/04/22. Status: Completed (checkmark). Associated with TX-254: Michael Thompson. Priority icon: Red exclamation mark.
- Call Mrs. May** (Created by Peter Rattin 4/27/22): Due 05/04/22. Status: Pending (empty square). Associated with TX-300: Martha May. Priority icon: Green circle.

At the bottom is a "View All" button.

**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

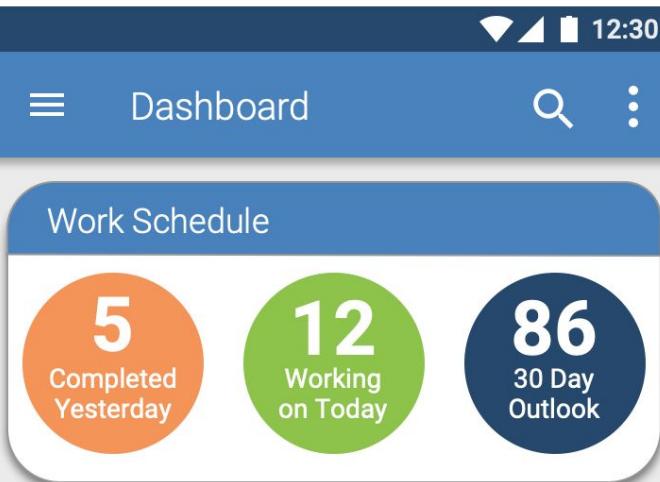


Completed Yesterday      Working on Today      30 Day Outlook

5      12      86

Pros: Design is same as web so the users will be familiar with its function. It is a small widget that will not take up much space.

Cons: Buttons are not very large so they could be hard to tap.



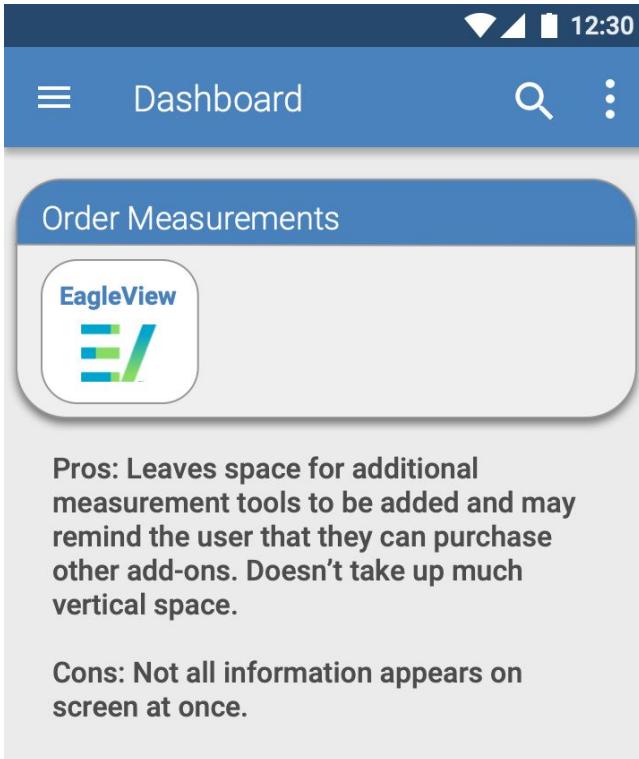
Completed Yesterday      Working on Today      30 Day Outlook

5      12      86

Pros: Buttons are larger so they are easier to tap.

Cons: Takes up a bit more space than first design

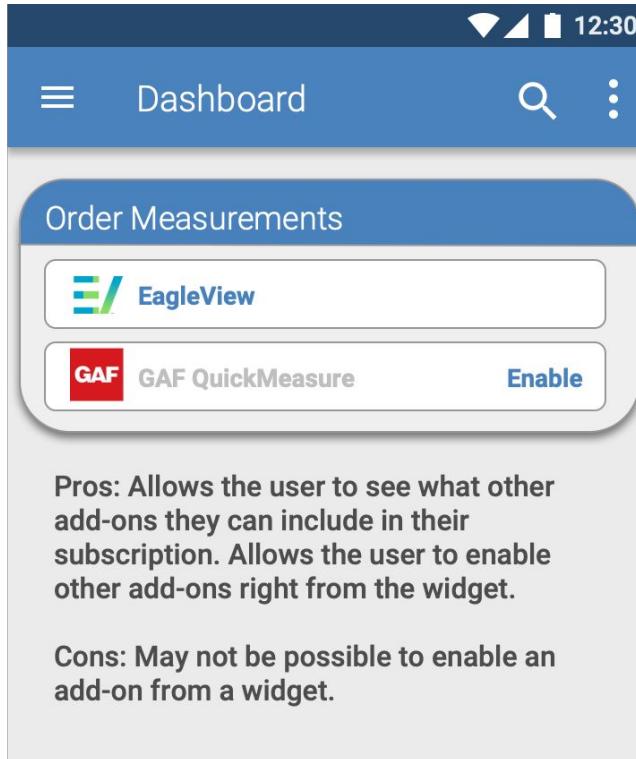
# Order Measurements Widget



The screenshot shows a mobile application interface with a dark blue header bar at the top containing icons for signal strength, battery level, and the time (12:30). Below the header is a light blue navigation bar with a menu icon (three horizontal lines), the word "Dashboard", a search icon (magnifying glass), and a more options icon (three vertical dots). A large, rounded rectangular button with a blue header bar contains the text "Order Measurements" in white. Below this button is a white rectangular area featuring the "EagleView" logo, which consists of the word "EagleView" in blue and a stylized green and blue "E" icon. The main content area below the button contains two paragraphs of text.

**Pros:** Leaves space for additional measurement tools to be added and may remind the user that they can purchase other add-ons. Doesn't take up much vertical space.

**Cons:** Not all information appears on screen at once.



The screenshot shows the same mobile application interface as the first one. The "Order Measurements" button is still present. Below it, there are two new items: "EagleView" (with its logo) and "GAF QuickMeasure". To the right of "GAF QuickMeasure" is a blue "Enable" button. The main content area below these items contains two paragraphs of text.

**Pros:** Allows the user to see what other add-ons they can include in their subscription. Allows the user to enable other add-ons right from the widget.

**Cons:** May not be possible to enable an add-on from a widget.

# Job Action Items Widget

Dashboard

Job Action Items (14)

Progress (5)

Category	Count
U Unassigned Leads	2197
C Jobs Submitted as Complete	5
P Leads Submitted as Prospect	2

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.

Dashboard

Job Action Items (14)

Progress | Financial | Management

Category	Icon	Count
Unassigned Leads	U	2197
Jobs Submitted as Complete	C	5
Leads Submitted as Prospect	P	2

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.

Dashboard

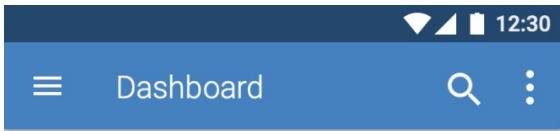
Job Action Items (14)

Section	Category	Icon	Count
Progress	Unassigned Leads	U	2197
	Submitted as Prospect	P	5
	Submitted as Complete	C	2
Financial	Invoices Not Recorded	+	559
	Requested Payments	\$	114
	Cancelled Jobs w/ Balance	X	114
Management	Measurement Requests	checkmark	17
	Submitted Orders	\$	21
Photos	Photos Uploaded Today	camera	0

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.

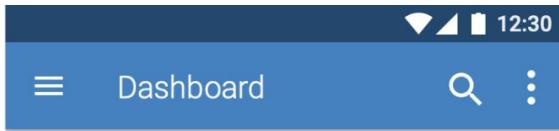
# Accounts Receivable Widget



## Pros:

Includes all relevant information and is displayed the same way as online.

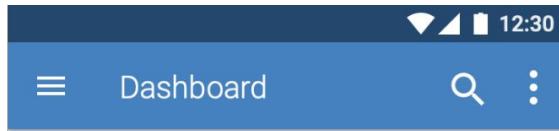
Takes more time to switch between New, Old, and Combined. A bit congested when laid out horizontally.



## Pros:

Allows the user to toggle between Old, New, and Combined.

The information seems harder to digest this way.

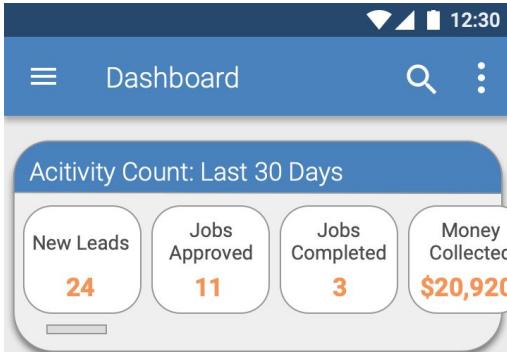


## Pros:

Just a different way to visualize the data. Allows user to identify patterns of sales over time.

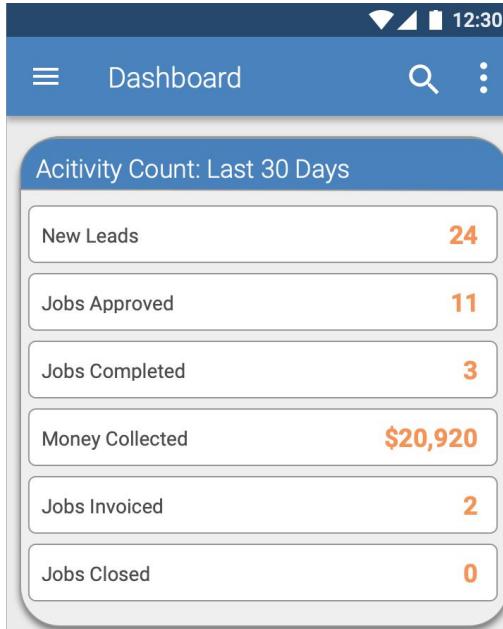
Seeing the data visualized this way may not be relevant to the user. Not easy to quickly glance at to get the information.

# Activity Count Widget



**Pros:** Slim design of widget so it doesn't take up too much vertical space. Similar design to the web so the users will be familiar. The scroll bar will let the users know it can be scrolled horizontally.

**Cons:** Not all information appears on screen at once.



**Pros:** All information is displayed on screen at once so nothing is hidden from the user.

**Cons:** Much larger widget that takes up more vertical space.

# Entire Dashboard

