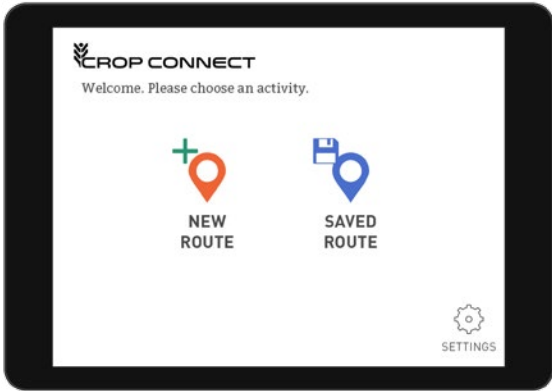# Crop Connect Apps

When farmers use Crop Connect, their field gets a whole lot smaller. There is no need for them to worry about straight rows, keeping track of data manually, or even what parts they have on hand.

Farmers are increasingly more and more reliant on technology for bigger yields and keeping track of datasets. Enter Crop Connect, an agricultural streamlining and organizational tool.

My goals for this project were simple: I wanted to have this project be a viable solution for the problem. It should have a "Pick-up-and-Go" feel to all of the apps, very little training required. These apps should improve and streamline the existing technologies. Then simplify the process and repeat.

Desktop Interface

SIMPLICITY

Even though the Desktop interface was the main interface of my apps, it was by far the simplest. This is because behind the scenes there are many things going on. Information and data are being fed to this application via the Crop Connect cloud.

INTERFACES

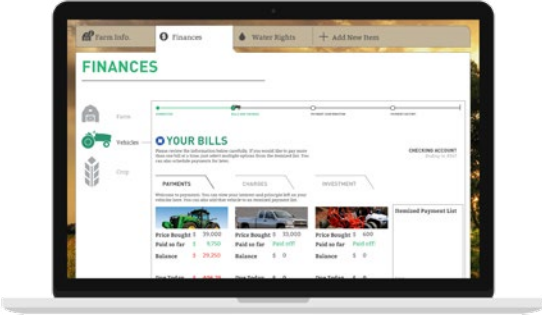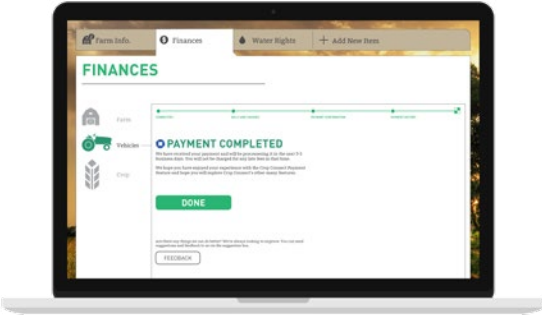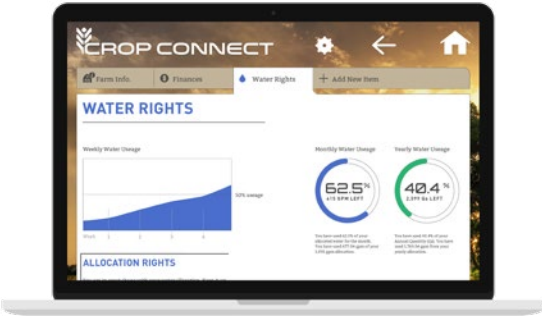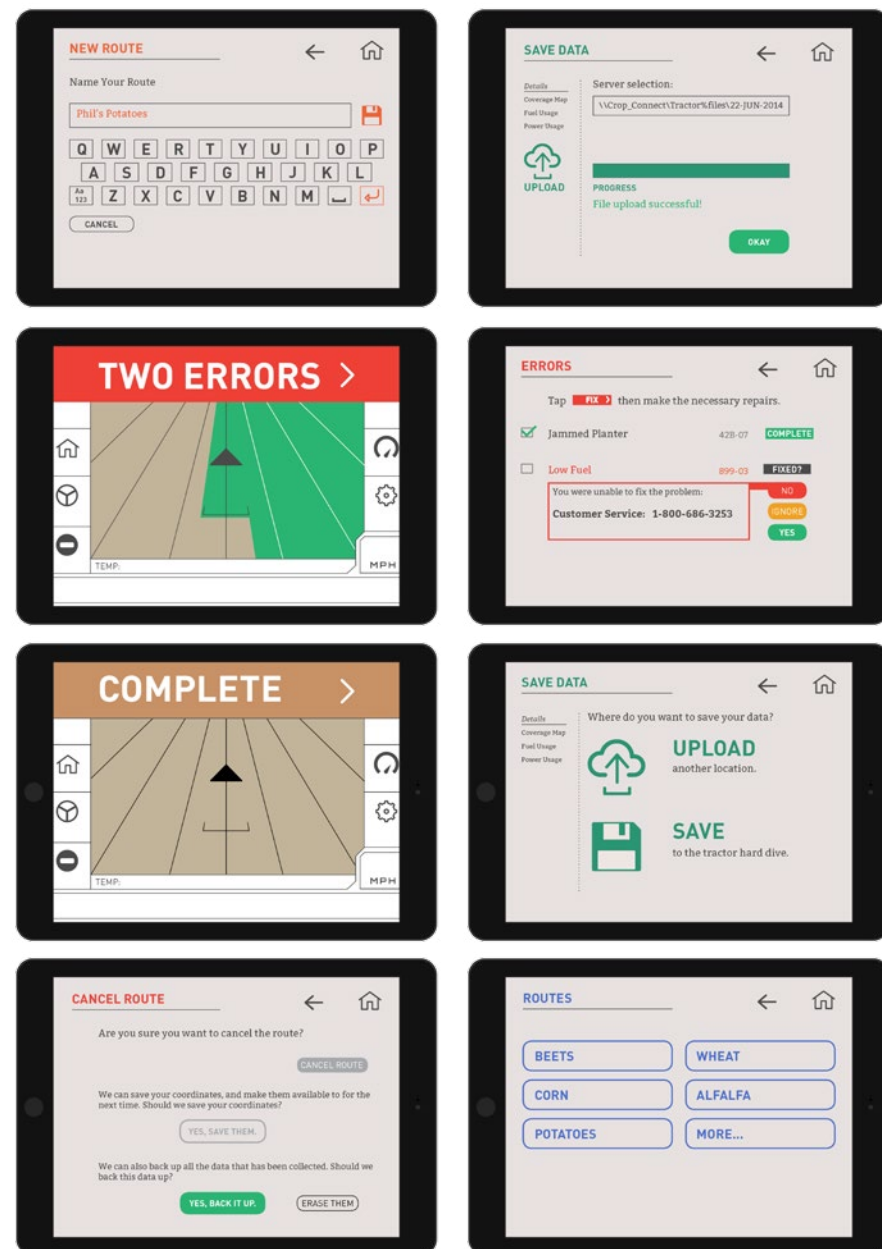I wanted these interfaces to feel familiar and easily be picked up with very little training.

Often times farmers will have high school students whom they will hire for the summer. These interfaces need to accommodate them as well.
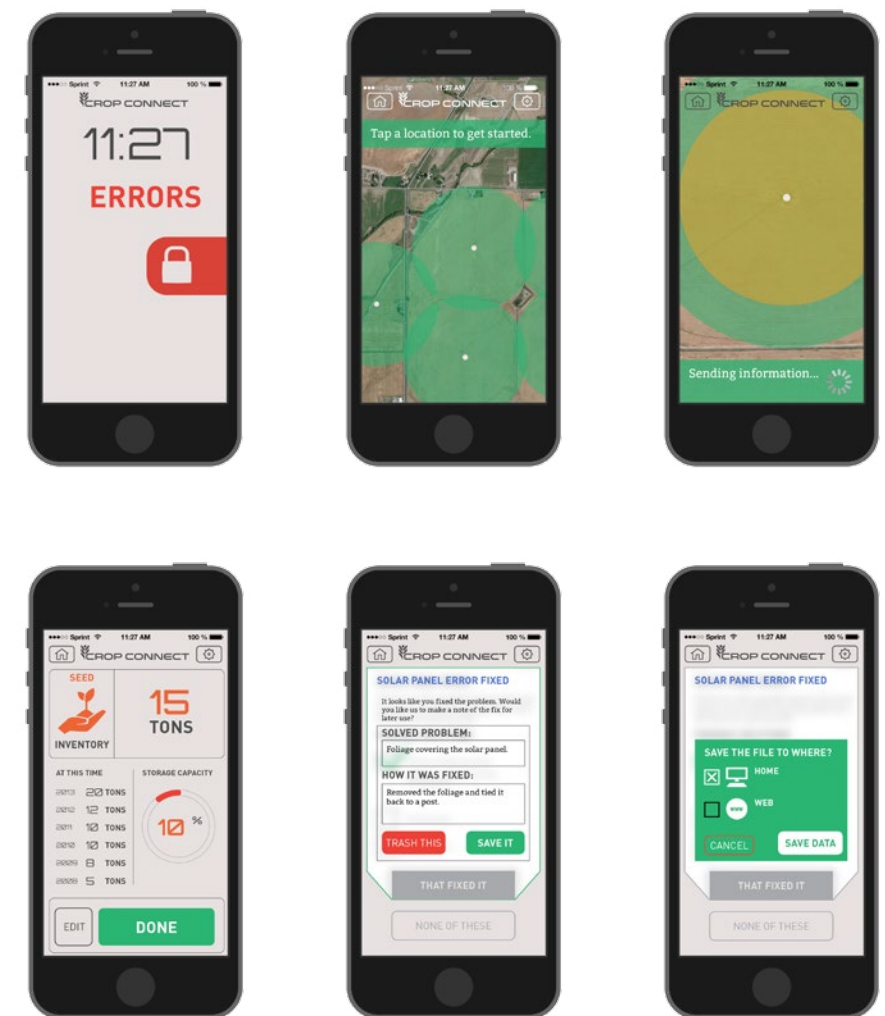
Tractor GPS

FUNCTIONALITY

The tractor GPS has the most functionality of the three. This is because the farmer (or farm-hand) spend several hours in it while it's running the plowing activity.

This means that the farmer can fine tune what he or she wants the app to accomplish in the comfort of the cab.

Handheld GPS

DESIGN SOLUTION

More than likely the farmer will be out in the sun while using this app. Therefore, I utilized strong contrast for those times when the screen may be in direct sunlight.

I did research to see whether black backgrounds or white backgrounds consumed more power, and found that black backgrounds did by a small margin. So I also went with the light background to save power as well as be visible.