Crown Town Compost **CLOSING THE LOOP IN THE QUEEN CITY**

CLIENT OVERVIEW



WHO

With the help of specially-designed trailers, the team bikes around the Queen City to collect food waste from homes and businesses.



WHAT/WHY

Allows members to compost organic waste in an eco-friendly manner.

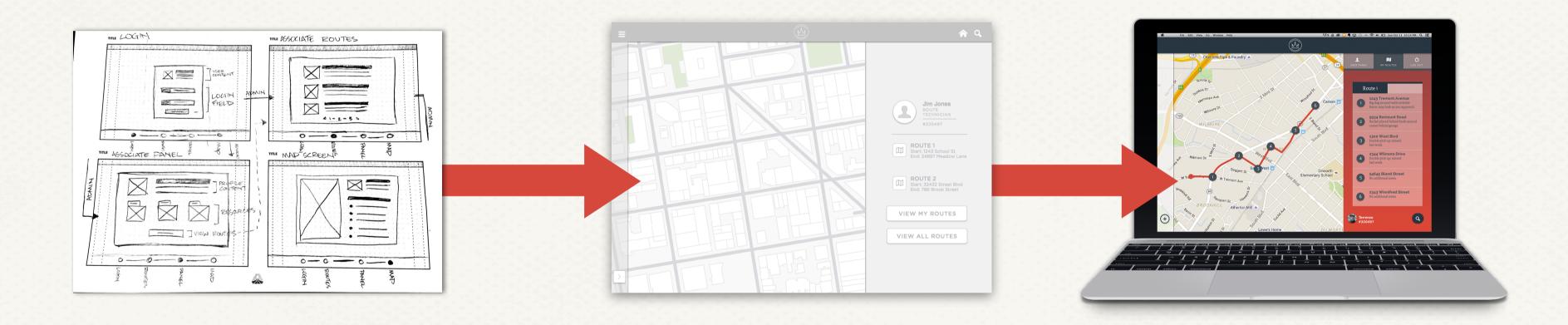


HOW

Crown Town cyclists pick up their buckets on a predetermined route and return the buckets via bike and trailer.

PLANNING

During a brainstorm session, app screens were sketched out to illustrate the most basic need of Crown Town: the ability to create, assign, and use routes from both an Admin and Cyclist level.



The plan evolved from sketches, to wireframes, to a final prototype

SOLUTION



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ADMIN

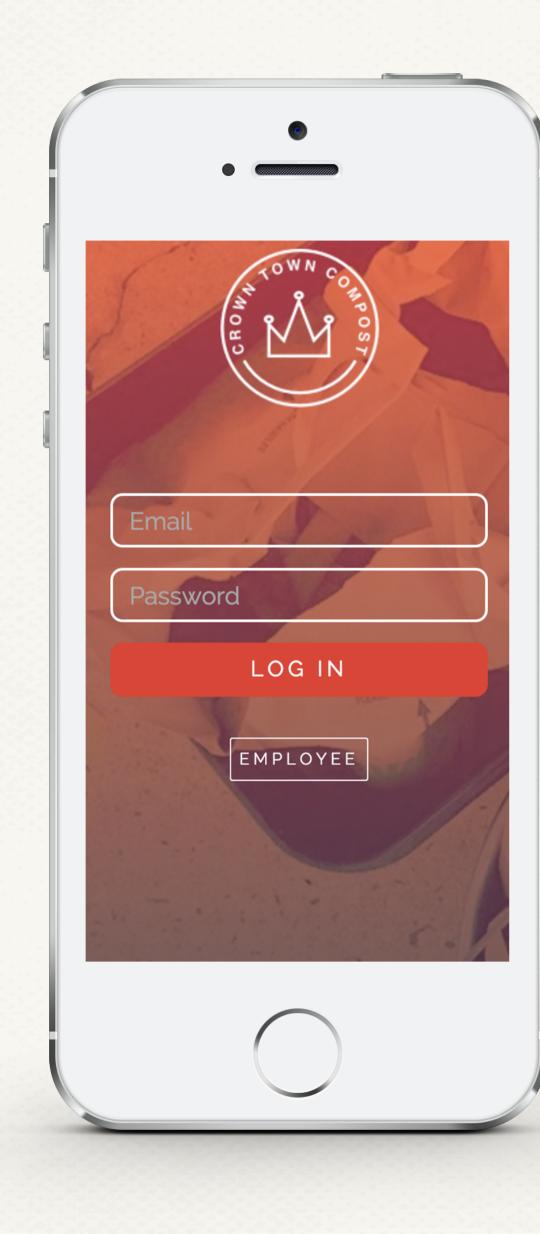
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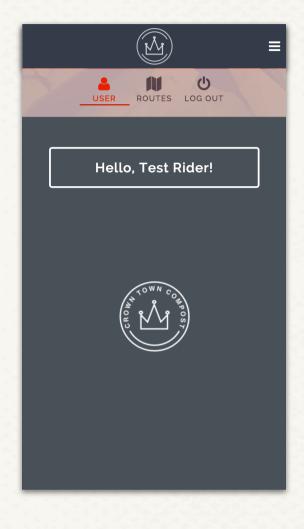
Provides administrative abilities, as well as gives the user the ability to log i ndata for clients, employees, as well to create additional administrators.

RIDER

A RIDER

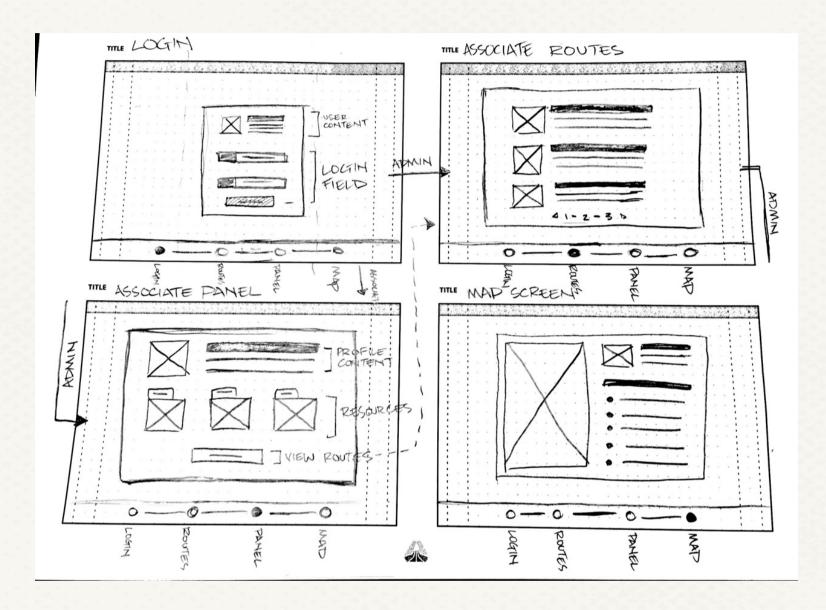
This is the employee interface. It allows the user to see what neighborhoods and homes are assigned to them for a particular day.





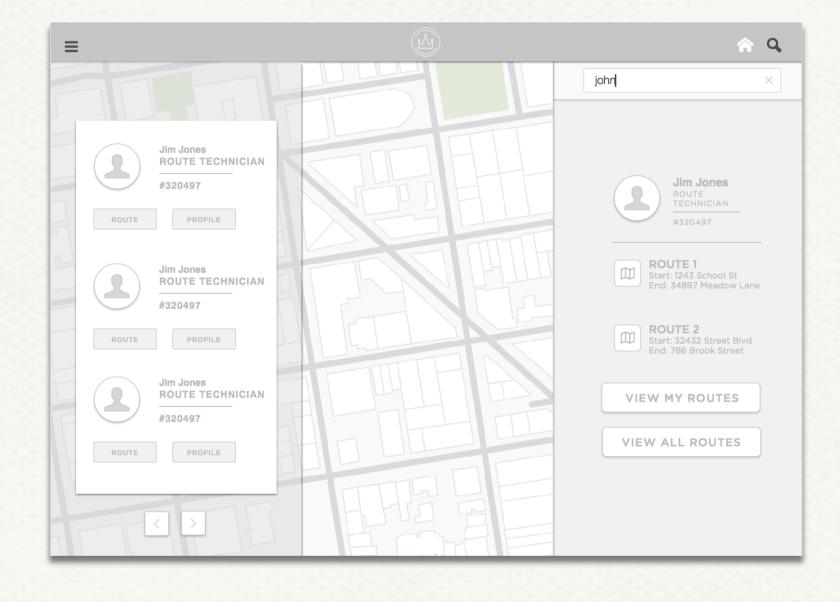








A few layouts were sketched out for the Admin and Rider panels, which also helped plan the process for route creation.



WIREFRAME The sketches were translated into wireframes which would serve as the basis for design.

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A USER INTERFACE

Paying strict attention to already-existing branding elements created by Crown Town, a unique user interface kit was designed to give the developers a blueprint for styling.



PROTOTYPE

A working prototype served to communicate the design vision of the designer to the developers, as well as provided styling and formatting via Sketch's CSS attribute function.

DEVELOPMENT



DEVELOPMENT

REACT

React is a JavaScript Library.

RUBY ON RAILS

Rails is a development tool which gives web developers a framework, providing structure for all the code they write.

GOOGLE MAPS API

- Travel times
- Current Traffic Updates
- Different Travel Styles

FEATURES

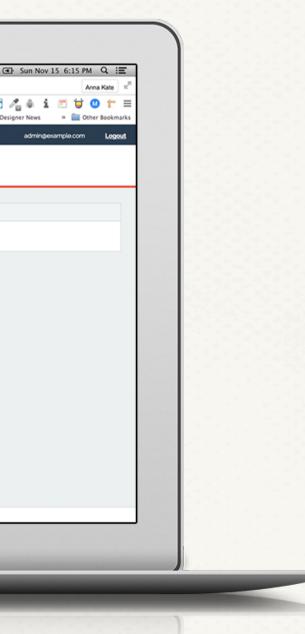


FEATURES

ADMIN LOGIN

This interface is critical because it gives the ability to assign employees to clients within a particular neighborhood, thus creating route(s) for an employee.

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FEATURES

RIDER ASSIGNMENT

The app calculates the current location and gives directions to the closest active customer. Once the employee has finished a one home, they will simply enter data and click "Next Customer". This will then give them directions to the next closest home or display that the route is complete.

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