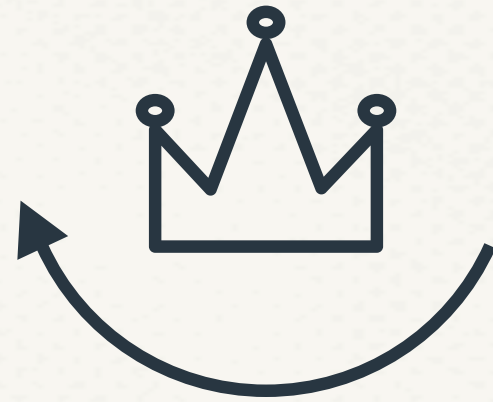


The background of the image shows several large, dark-colored compost bins or bags filled with brown, crumbly compost material. The bins are arranged in a row, and the compost is visible through the openings. The overall image has a warm, reddish-brown tint.

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.

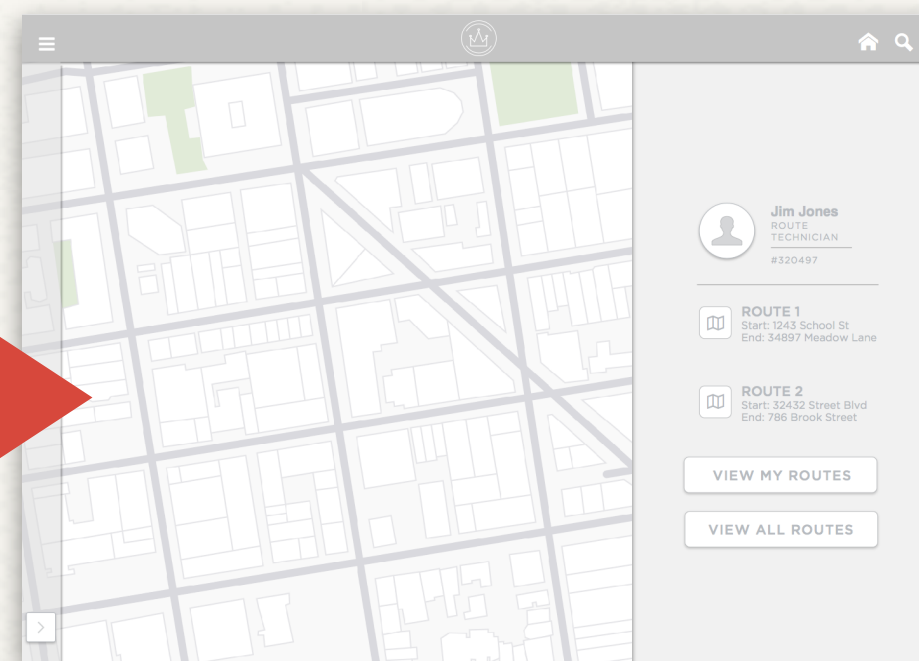
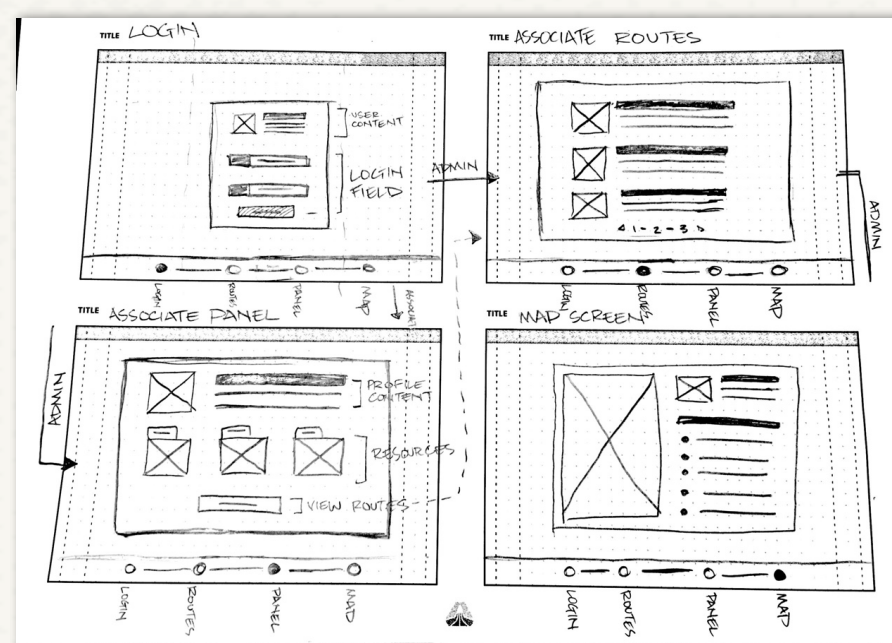


HOW

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


ADMIN

Chrome File Edit View History Bookmarks People Window Help

Admin Users | Admin Back

crowntown-backend.herokuapp.com/admin/admin_users

Dashboard Admin Users Announcements Compost Items Neighborhoods Users admin@example.com Logout

ADMIN / Admin Users [New Admin User](#)

Batch Actions

	ID	Email	Current Sign In At	Sign In Count	Created At	
<input type="checkbox"/>	3	ats479@gmail.com		0	November 15, 2015 19:39	View Edit Delete
<input type="checkbox"/>	1	admin@example.com	November 15, 2015 18:50	6	November 13, 2015 04:05	View Edit Delete

Download: [CSV](#) [XML](#) [JSON](#)

Displaying all 2 Admin Users

Filters

EMAIL
Contains

CURRENT SIGN IN AT

SIGN IN COUNT
Equals

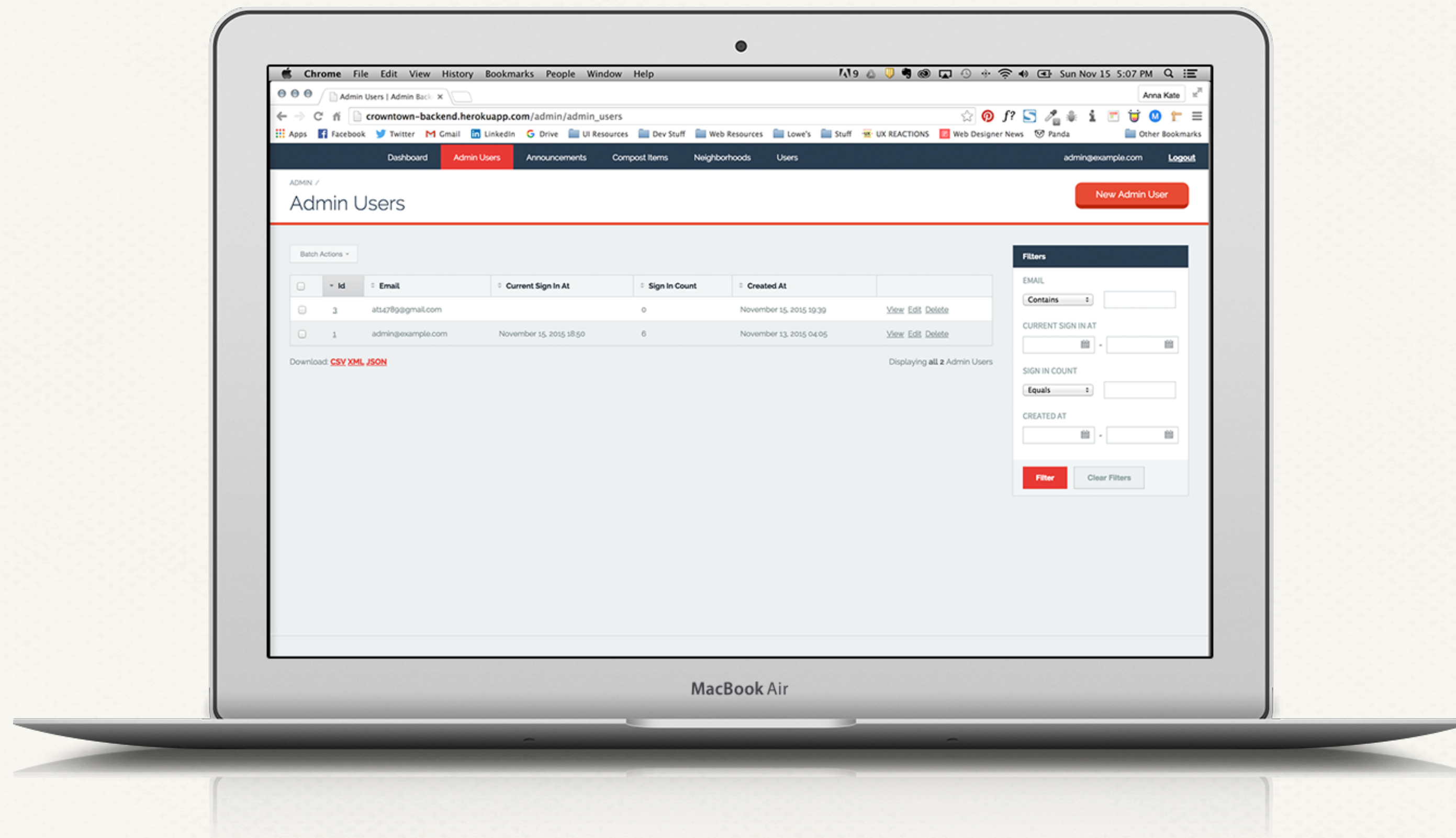
CREATED AT

[Filter](#) [Clear Filters](#)

MacBook Air


RIDER

ADMIN



ADMIN

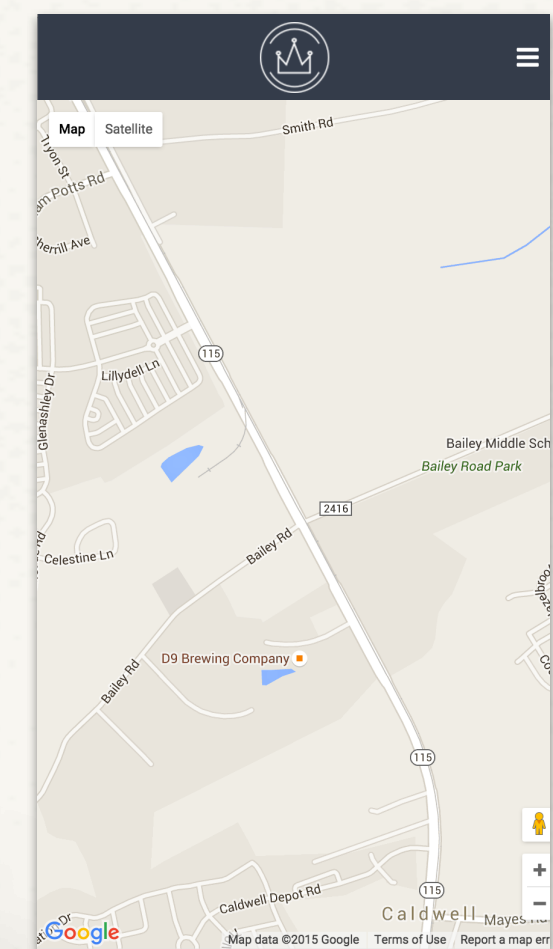
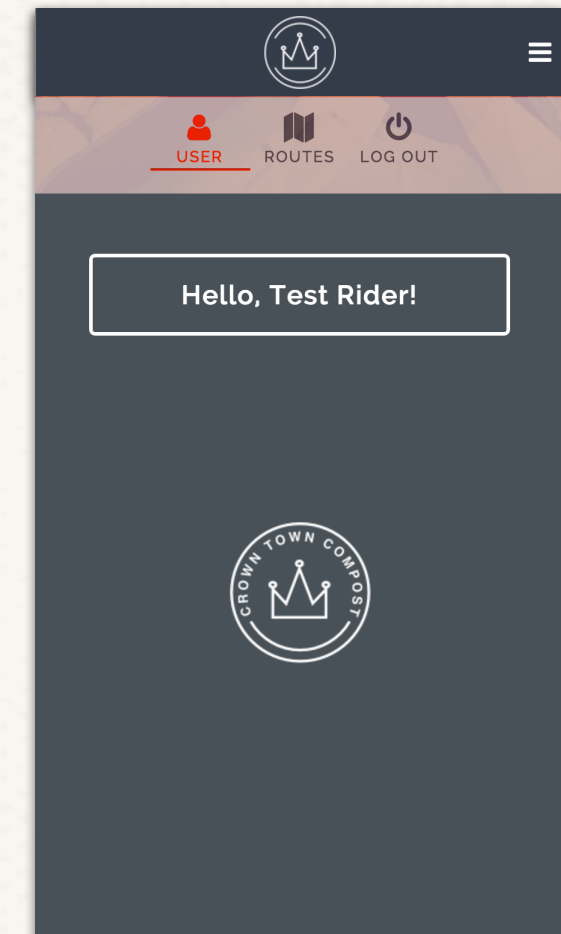
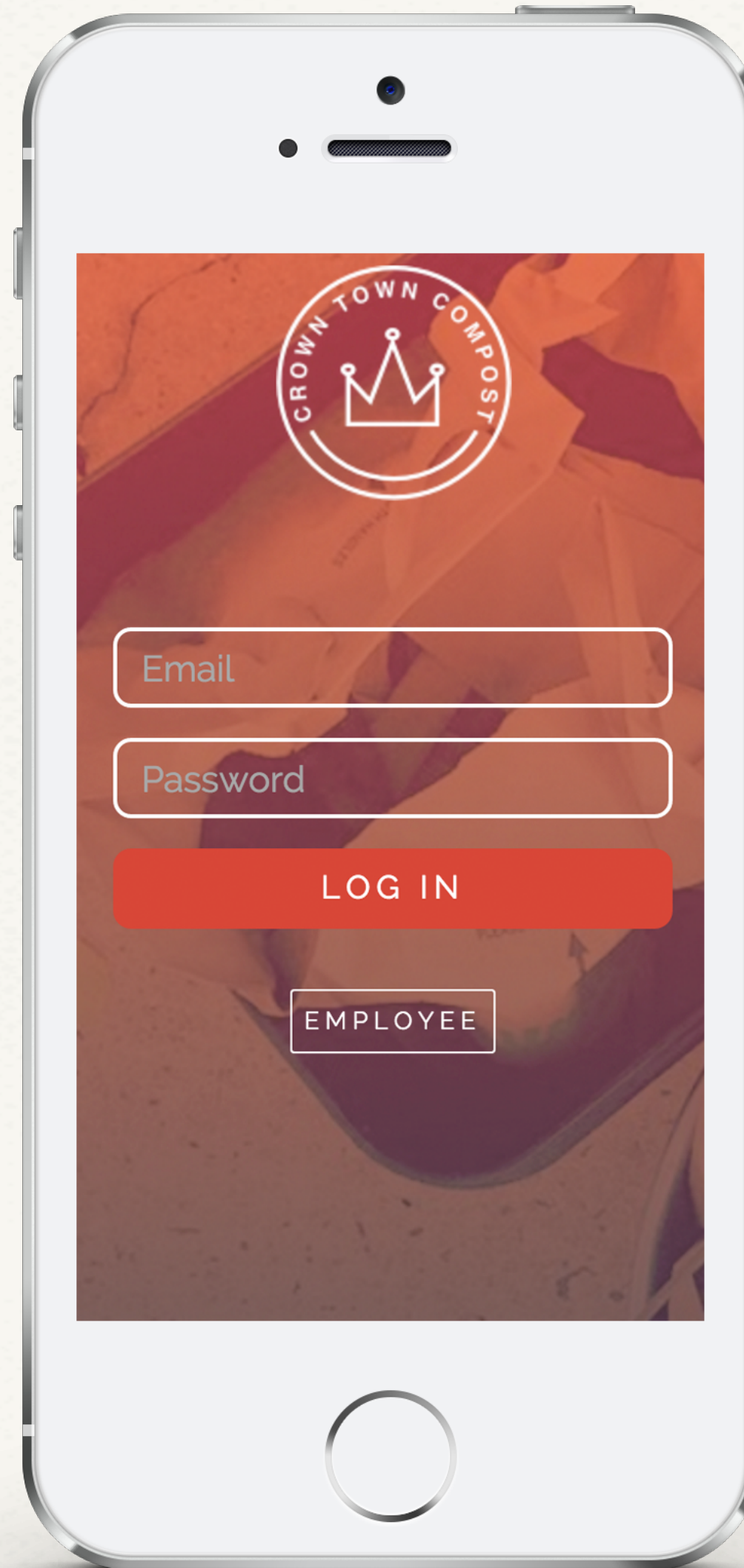
Provides administrative abilities, as well as gives the user the ability to log in data for clients, employees, as well to create additional administrators.

RIDER



RIDER

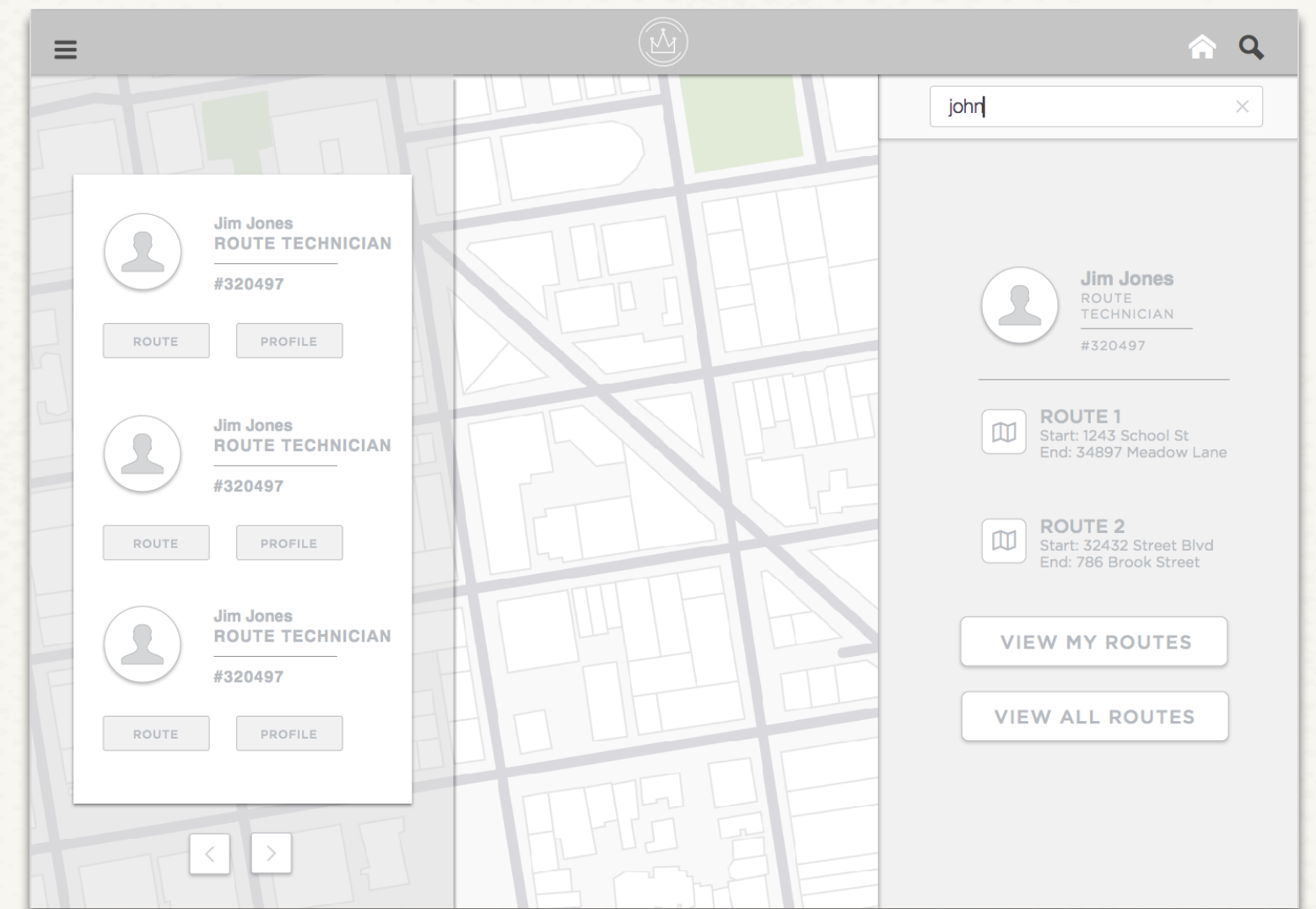
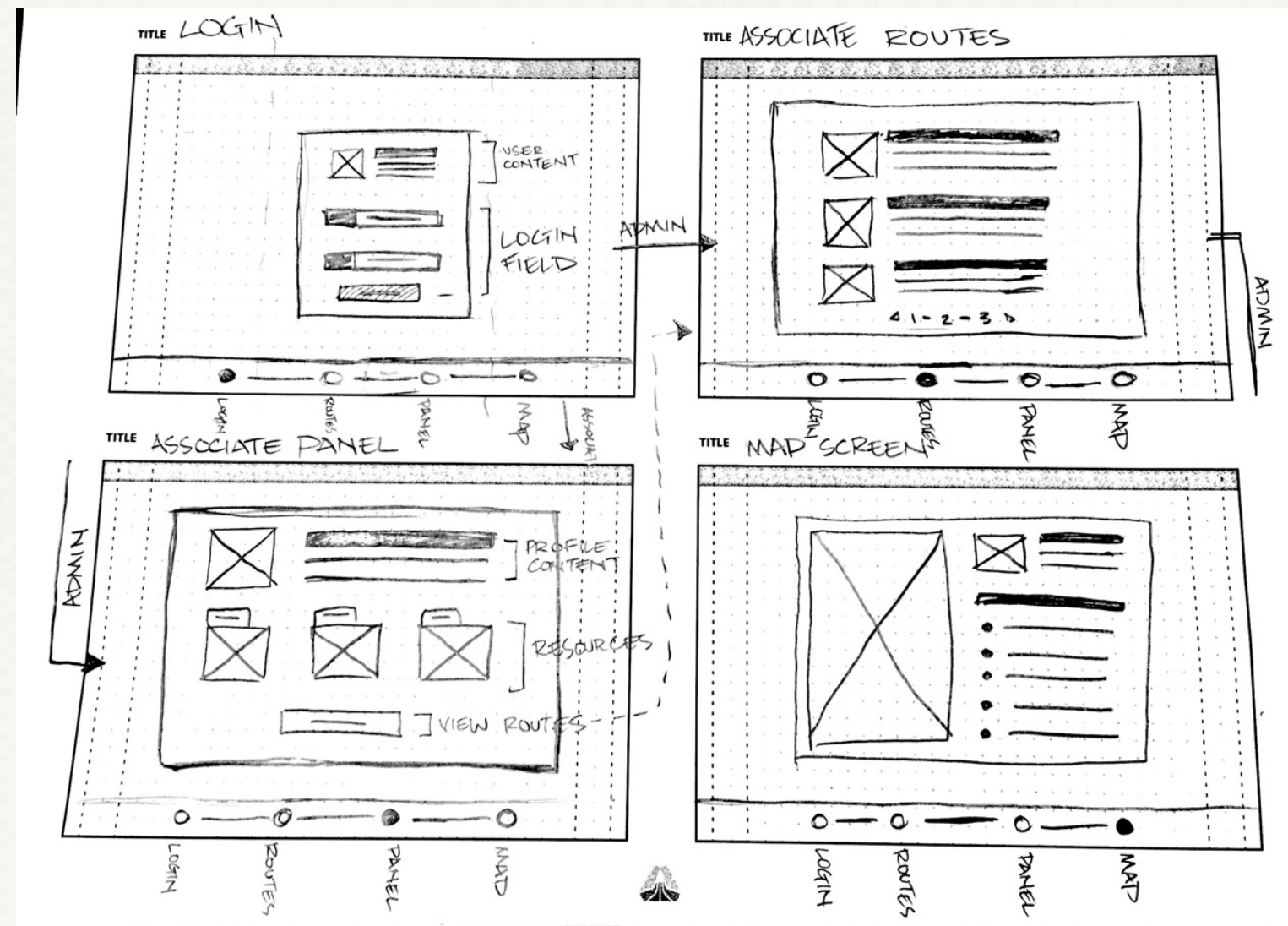
This is the employee interface. It allows the user to see what neighborhoods and homes are assigned to them for a particular day.





DESIGN

DESIGN



SKETCH

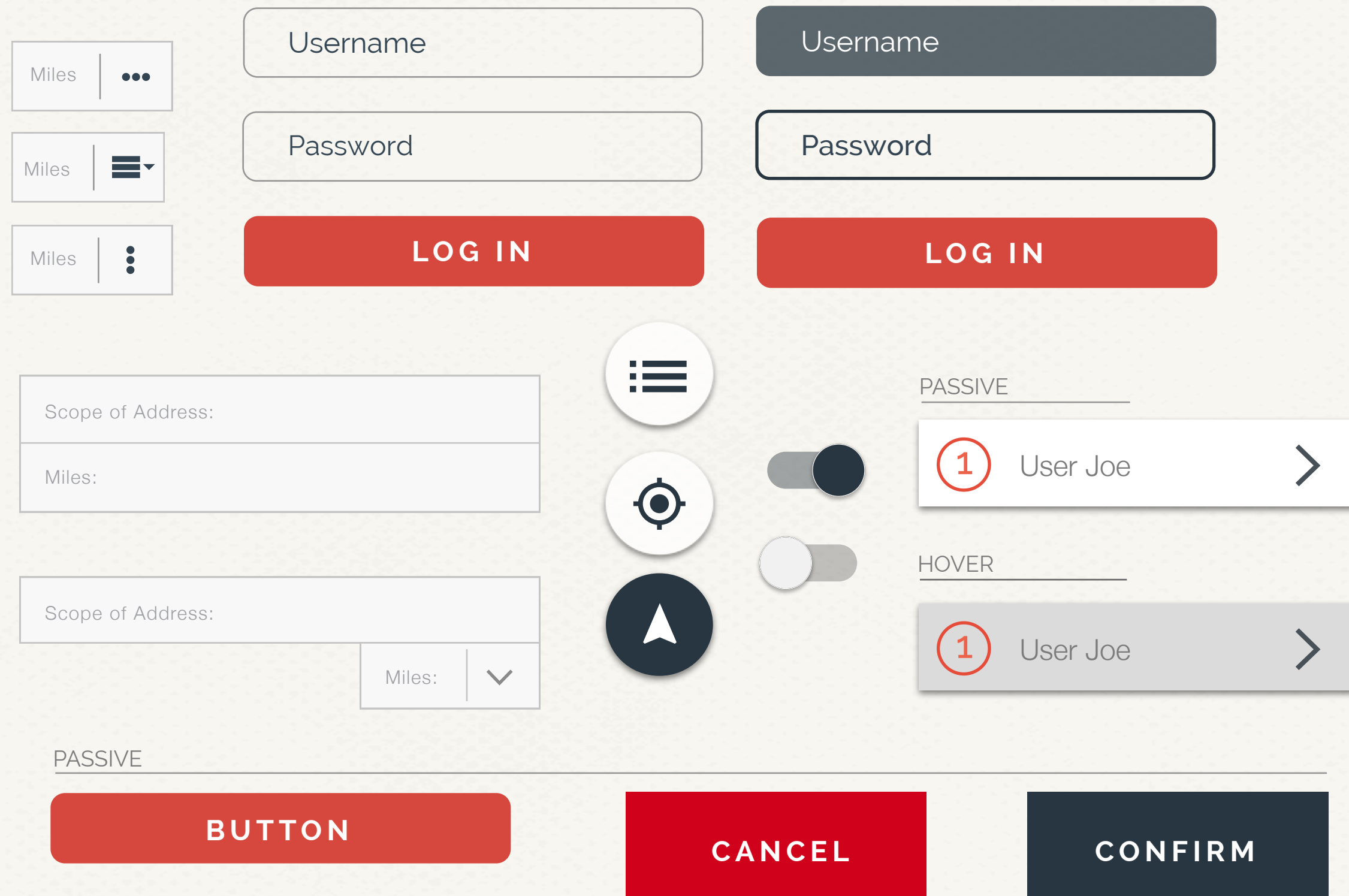
A few layouts were sketched out for the Admin and Rider panels, which also helped plan the process for route creation.



WIREFRAME

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

DESIGN



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.

DESIGN



📱 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

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

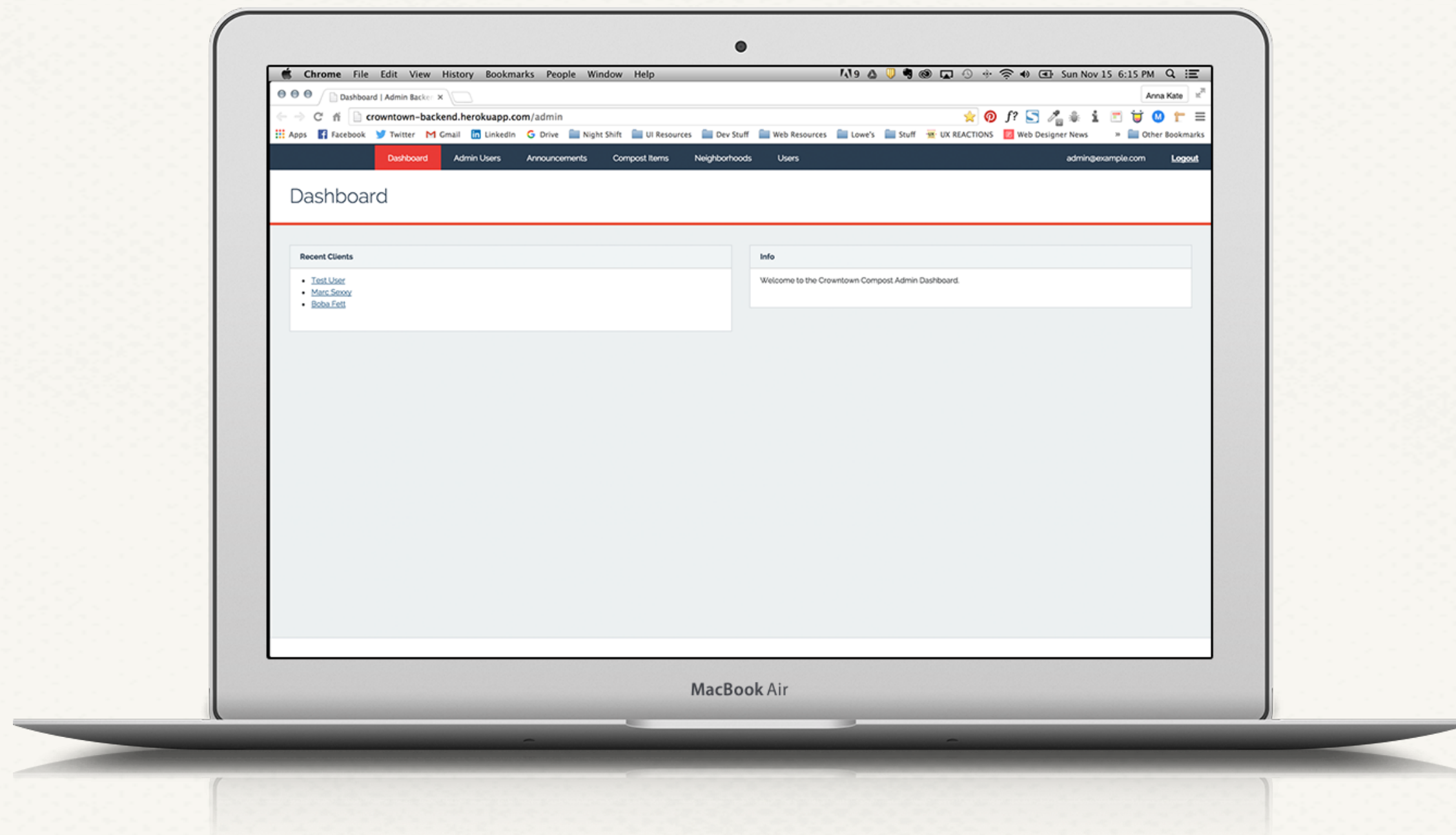


FEATURES

FEATURES

ADMIN LOGIN

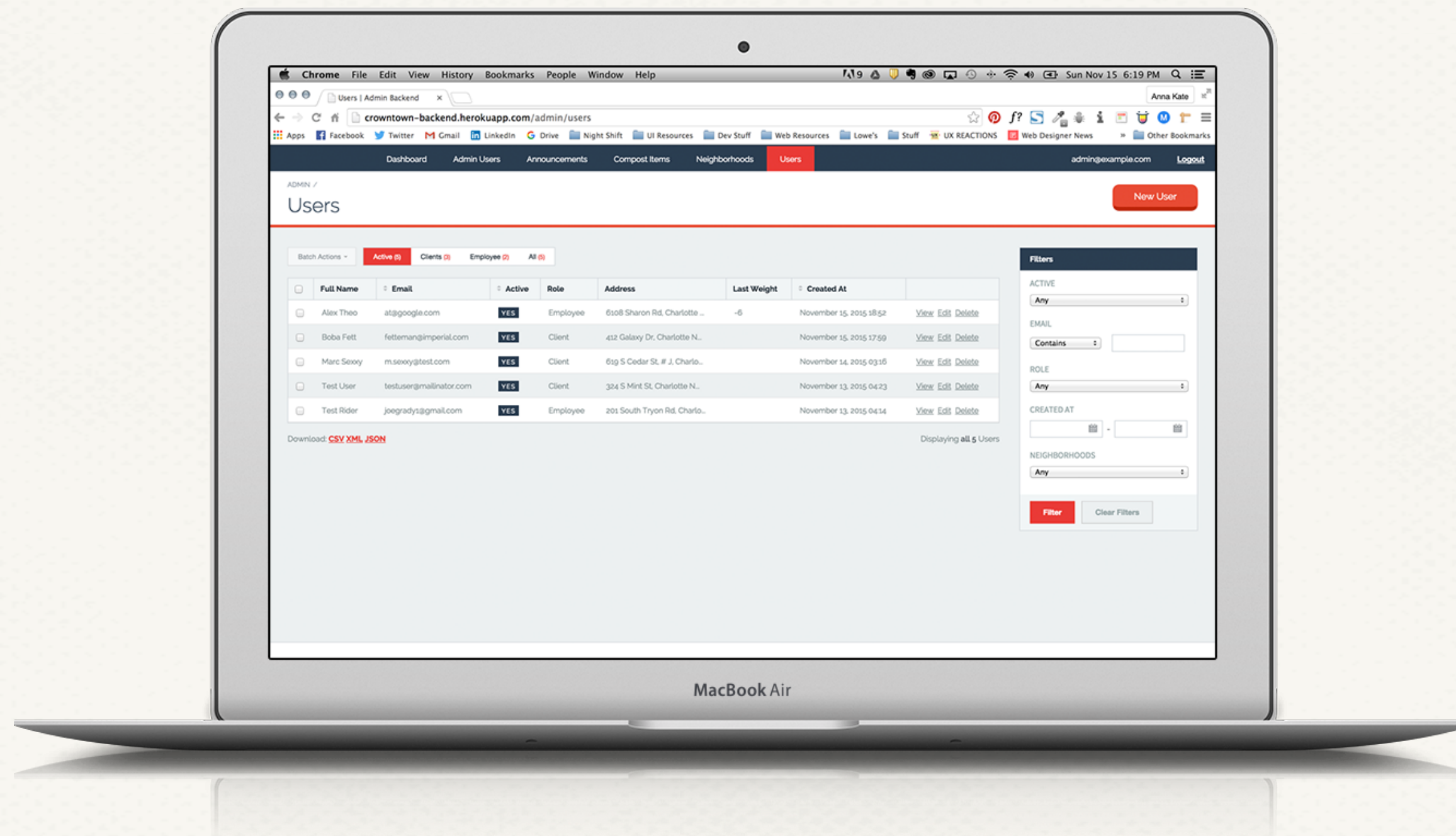
This interface is critical because it gives the ability to assign employees to clients within a particular neighborhood, thus creating route(s) for an employee.



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.





DEMO