

Country Honing Resource(C.H.R)

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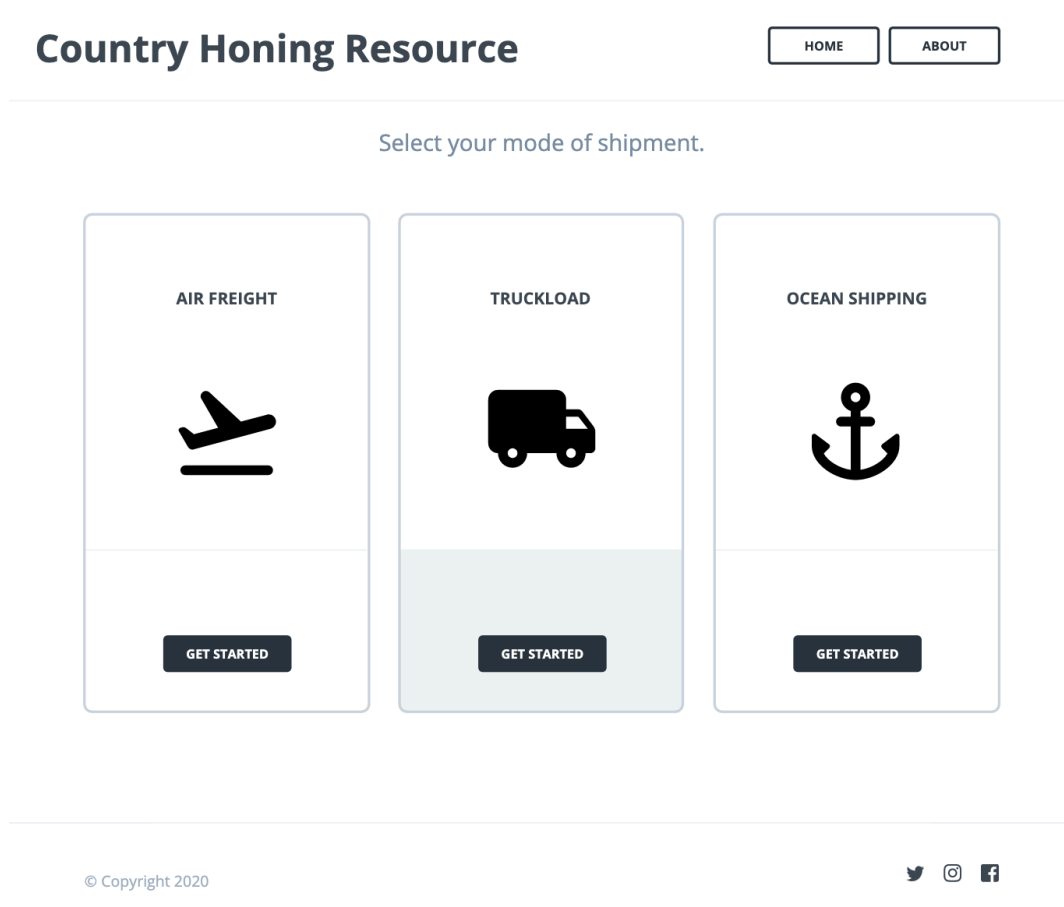
Novemeber 13th, 2020 | Software Engineer(HatCHRY)

Application Overview

As one of the world's largest logistics platforms, C. H. Robinson provides a variety of transportation and supply chain services. Utilizing the Country Honing Resource, you can view the potential routes one of our long haul, cross-border carriers may travel within North America.

Application Features

1.1 Landing View (Desktop)



User will be presented with a card style gallery of options to view the routes for various regions based on mode of transportation. Only “Truck Load” will be selectable. Ocean Shipping, Air Freight, and Rail will be visible, but not selectable.

Fixed Navigation:

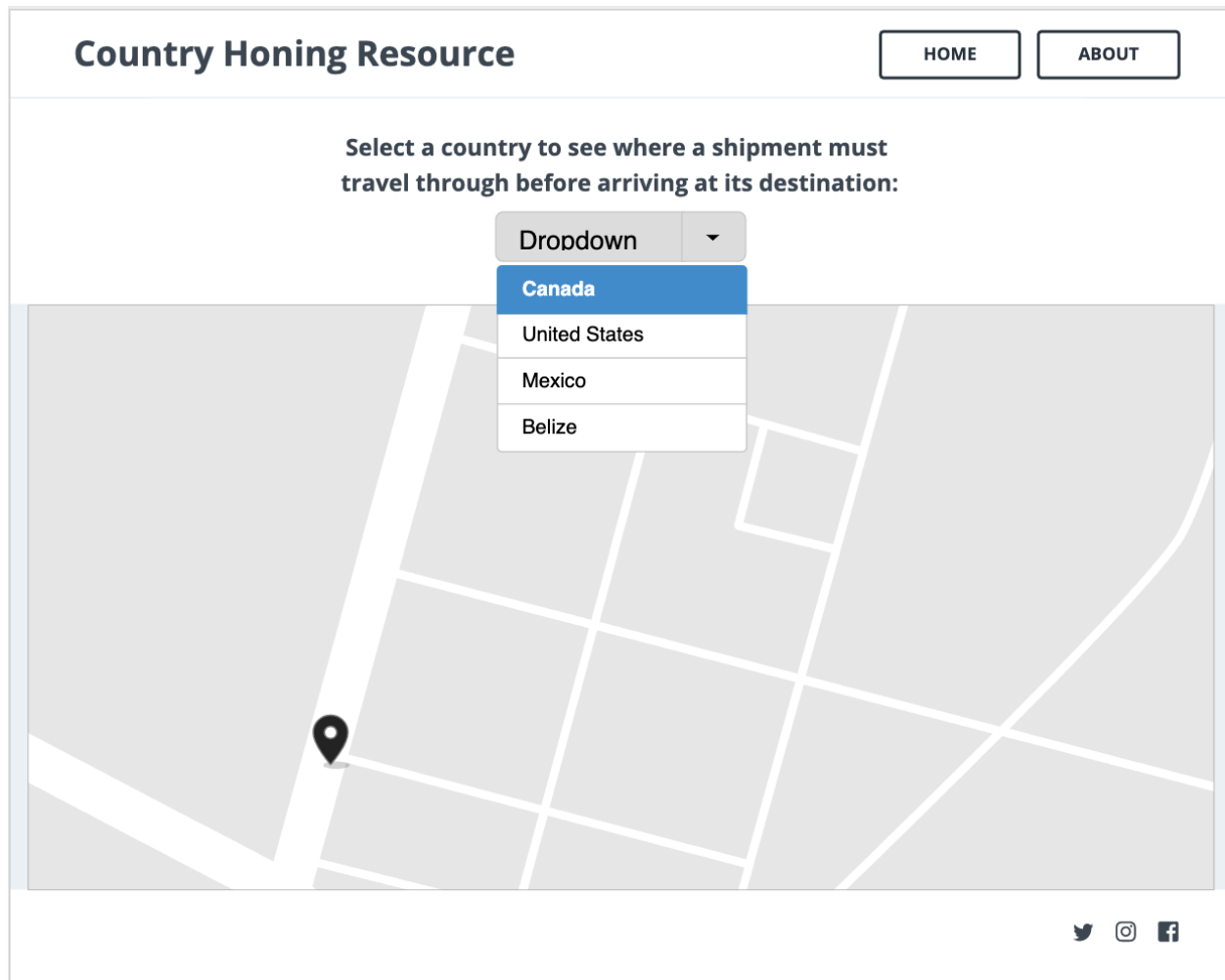
- Home
 - When clicked brings user to the Landing View(where a user selects shipment mode).
- About
 - When clicked, brings user to view that displays brief description about the Country Honing Resource

Shipment Selection:

- When user selects a shipment mode(in this case, only Truckload is clickable), will navigate user to a new view.

C.H.Robinson Social Media Links in footer that take user to corresponding site when selected.

2.1 Map



When the user has selected a mode of shipment(Truckload) from the Landing view, they will be brought to a new view that displays a map of North America. Above will be a drop down box with 10 three-letter country codes listed. When a user selects a country code, a map, below the drop down, will populate all countries that a shipment will travel through to get there. Navigation remains fixed at the top of the page.

2.2 About

The finished application will also include an About view that displays a title and description of the application. It has no other functionality.

Projected Milestones and Schedule

Milestone (Should match a Feature from Above)	Hours Est.	Due Date	Base or Stretch
ReadMe			Base
Spin Up Default React Project	1		Base
Create Landing View Component	1		Base
Create NavBar Component	1		Base
Create Map View Component	1		Base
Create About View Component	1		Base
Create Routes	2		Base
Wireframes for Shipment Cards	4		Base
Wireframes for About	1		Base
Wireframes for Maps View	3		Base
Integrate Map framework	10		Base
Logic for dropdown menu to return countries	5		Base
Logic for returned countries to reflect in map	5		Base
Styling	10		Base
Check for basic accessibility	4		Base
Heroku Deployment	4		Base
Smart Searchbar in dropdown			Stretch
Improve resolution responsiveness			Stretch
Improve Accessibility Score			Stretch
Shipment Cards in interactive Carousel			Stretch

Database Documentation

No Database Necessary

Browsers

Application will fully support browsers listed below. All browsers or versions not listed below are considered out of scope.

Browser Name	Mobile or Desktop?	Version
Chrome	Desktop	1

Assumptions

While completing this estimate the following assumptions were made.

- A log in is not necessary.
- The web application content is for a lay audience.
- Users may provide country codes that do not exist. To avoid unintentional data corruption, a pre-populated the United States.
- Travel times and distances are not required.
- Users know which country the three-letter codes represent.

Technologies

- Node
- React
- React-Bootstrap
- React-jvectorMap
- Material-Ui Icons
- Heroku