

Arrive Logistics Front End Developer Code Sample

The purpose of this exercise is to create a web client application to use the provided Web service API. It is **highly preferred** that it is written using React. However, if you are unfamiliar with React, another modern JavaScript library can be used, such as Angular, Vue, or Ember.

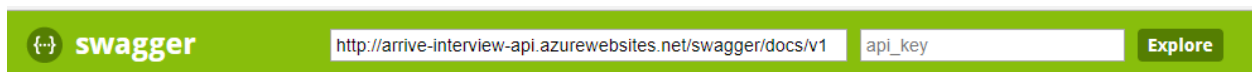
Create an application to display the following:

- A textbox where the user can search for carriers by city name.
 - When executing the search, the client application should call the web service `"/api.carriers/{citySearch}"`.
- A grid/table where the search results are displayed.
- A button for each row in the grid/table to view details. On click, details for that carrier should be displayed to the user.
 - Details can be retrieved from the web service `"/api/carrierDetails/{carrierId}"`.
 - Note: there are additional properties returned from the carrierDetail service.

The design of the web page is purposefully vague, so that each individual's design ideas can be implemented. Keep in mind ideas around user experience, code maintenance, and minimizing server side calls. Feel free to use the JavaScript framework of your choosing and style the page(s) to your liking.

Details about the web service can be found here: <http://arrive-interview-api.azurewebsites.net/swagger>

The `"/api/carriers"` GET method returns all available data, to get an idea of cities to search for. This service should not be used in the actual client application.



Arrive Logistics Interview API

CarrierDetails

Show/Hide | List Operations | Expand Operations

GET	/api/carrierDetails/{carrierId}	Retrieves carrier details for the given carrier ID. Carrier ID is retrieved from the Carriers service.
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Carriers

Show/Hide | List Operations | Expand Operations

GET	/api/carriers	Retrieves all carrier records.
GET	/api/carriers/{citySearch}	Retrieves all carriers with city name that begin with the search parameter.

[BASE URL: , API VERSION: V1]

In the submission, include all code and styling files along with any design-related work that may have been done ahead of time. Please include any set-up instructions needed to run/deploy the client application.