# QuoteWizard Development Exercise: WebAPI and Consuming UI

Purpose

We feel that a better alternative of communicating technical proficiency to asking a candidate to code a search algorithm on a whiteboard in front of a group of people would be to ask the candidate to take on a small practical application. Upon internal review of the coding exercise the candidate looks like a good potential fit for our team, we can open the interview process with a dialog between the interview candidate and select team members bout code the candidate has personally worked on and has familiarity.

Instructions

1. Create a C# WebApi that will use the provided json file (*auto.leads.json*) as the dataset.
2. Create a front end UI that retrieves data from the WebApi

### Features

1. The home page of the application should be a List View of auto quotes
2. There are 13 distinct auto quotes in the provided json data set. Design the UI to paginate through the data set with a page size of 5 items (when a page has a full 5 items to return)
3. Design the list view to display a subset of the auto quote data, with a link to a Quote Detail page that displays all json properties for the selected auto quote
4. Design the List View to allow filtering of the data set by
   1. The consumer’s state
   2. The vehicle make
   3. The former insurer

### Delivery

The preferred delivery method of this assignment would be to provide a GitHub or BitBucket URL that allows us to download & review your work. If you utilize a client side MVVM framework (Aurelia, Vue.Js, Angular, etc.) that requires additional installation/configuration/setup steps (aside from hitting F5 in Visual Studio to launch the application in debug mode), please make sure to call those out explicitly in the ReadMe.

An alternative option would be to package up any related setup instructions in a word document and the SLN folder into a zip & attach that to an email.