

Senior Developer Interview Assignment

Using the accompanying Xml (searchresults.xml), write code to display a web page that shows the search results – by procedure, showing cost & quality ranking for each facility based on the following and show the total price (facility, doctor, anesthesia). The page should display “Search Results for [search_term]” as a header and the user_zip.

Price_color, quality_indicator

1 = green, 2 = yellow, 3 = red, 4 = not rated

Your ASP.NET/C# code should demonstrate the following

1. Read the data from a data source (can be raw Xml, Json, or a database table). The use of a database is optional.
2. Populate object properties from data source
3. Transform objects into html (this can be rendering by code, or using XSLT, or your own template “engine”).
4. Display the html in a browser.

You are welcome to use your own laptop, if you can’t bring a laptop to the interview for the walk thru and are using a database, please use MySQL 5.6 (community edition) and include appropriate scripts to create schema, tables, and populate data etc.

You should be prepared to walk thru the code and answer questions.

The following can help you decide how far you want to go with this:

1. Adequate – successfully demonstrate the 4 objectives above.
2. Awesome – use two different methods to create the html, use css to stylize elements on the page, sort the results of each procedure based on price_color or quality_indicator (user selection).
3. Stellar – one of the transformation methods includes XSLT, use css to handle responsive display size, display a “pop-up” that states displays the disclaimer text when clicking on a facility name”.

Please upload your solution, source code, scripts, etc. to GitHub before the interview. You will need to create a GitHub account (free) if you don’t already have one. Be sure and send us your GitHub user name so you can be invited to the repository where you will upload your code.

