KPA Online Take-Home Test

Our goal with the take-home test is to keep it short and simple. There are not a lot of requirements for the sample application. If you have any questions, please don’t hesitate to contact me. bcarlson@kpaonline.com

**Part 1**

* Build a website using Visual Studio, C#, MVC and Entity Framework
* Build a page that allows a user to upload a CSV file (sample.csv is included in the zip file)
* The application parses the CSV and the data is stored in a SQL Server table
* Build a page to display the data
* Build this as an n-tier enterprise application

**Part 2**

* Build a page that allows the user to enter longitude & latitude
* Hit the weather API to get the weather data and display the results
* Please do this client-side only in JS

**Weather API**

[https://api.darksky.net/forecast/[key]/[latitude],[longitude](https://api.darksky.net/forecast/%5bkey%5d/%5blatitude%5d,%5blongitude)]

Key: 1f9a5eedd4211ec9f965223be81f2020

Example for KPA’s weather

<https://api.darksky.net/forecast/1f9a5eedd4211ec9f965223be81f2020/40.014257,-105.126537>