Project:

Create a .NET web application to manage and rate restaurants by star rating system

Requirements

Add, edit and delete an existing restaurant

* + Id (not user-editable)
  + Name
  + Restaurant Type (Cuisine)

Be able to rate restaurant by a star rating system. Range is 1 to 5 stars.

Display average star rating as well as how many users rated that particular restaurant

Technical requirements

* + Star rating component system must use a JavaScript framework, preferably Angular, and must talk to an API endpoint
  + In order to create, edit, or delete a restaurant, the user must be authenticated using your choice of identification framework (such as OAuth 2)
  + Be able to demonstrate that the application is data source independent. Without code change, the application should be able to use SQL Server, Mongo, Redis, text file, XML, etc. ORM use is not required but demonstration of EF knowledge is preferred
  + Demonstrate CSS knowledge (bootstrap etc.). We are not expecting a fully designed web page, just be able to show how to apply CSS
  + Demonstrate SoC design principles
  + Demonstrate understanding of URL routing in ASP.NET
  + Demonstrate knowledge of error handling (both client and server side)
  + Demonstrate understanding of logging/auditing user actions
  + Be prepared to discuss what changes would be needed (if any) in order to scale this globally and to millions of users accessing the site per day.

Expectations:

Although a fully functioning application is required, it is expected to see minor issues during the demonstration. The goal is not to create a professional looking web application but be able to demonstrate understanding of certain technologies used inside One-Key program.