Test 13 — Model, View, Controller (Part 4)

C# Programming

This is a timed test. You have one hour to complete the test. When you finish the test, email me your deliverables as a zip archive, and let me know that you have finished. I will ask you to run your program so that I can see that it compiles and runs.

Write an ASP.NET MVC application. Create a Person **model** with at least four properties, and a People **model** as a repository that will contain Person objects. Create a **controller** that has an action method that displays all Person objects in the repository. Create a **view** that displays your People. Create a controller that accepts a search parameter from the user and returns the people that match the search request. Use a LINQ query to execute the search. Also create the appropriate views that allow users to both enter the search parameter and view the results.

Starting at this point, add an action method that will allow you to add a Person to your People repository and the required views (an HTML form to add a Person.) Your `Save()` method should display a page that shows the Person you added and offer you the option of adding another Person or returning to the People list.

Your deliverables are as follows, preferably as a zip archive:

1. your model source folder (all classes),

2. your controller source code,

3. your view source code (all .CSHTML files), and

4. a screenshot of your running application.

Email me your deliverables. Do not push them to Github.