# Take-home Test

## C# .NET & MS SQL

1. Create database
   1. “Forms”
2. Create table
   1. “Subscribers”
3. Create 5 fields in table “Subscribers”
   1. Index, First Name, Last Name, State, Zip Code
   2. Define the name and field type of each field appropriately
4. Create data entry form – display all relevant fields
5. Create the following functionality (when clicking a button)
   1. Add a record - button
   2. Clean entry - button
   3. Delete a record - button
   4. Search by Zip Code field
   5. Search – button
   6. Report – button
6. Make the State field a pull-down menu button with 5 States to choose from
7. Validate the Zip Code field – must be numeric, exactly 5 digits long
8. When clicking the Report button, the application will display a report showing the four columns in alphabetical order (by First Name)

Please, make sure to comment your code.

Upload all the scripts to a public GIT repository and share its link with us.

On your honor, please let us know how long it took for you to complete the test.

We will be reviewing code cleanliness, simplicity and accuracy – Not how pretty the form or the report looks like.

Thank you.

Daniel