## Project Requirement Document

Project 2

Greg Toombs

George Dziouba

**Revision Page**

Initial Version – February 27 author: George Dziouba

1st modification – March 11 author: George Dziouba

Updated requirements

**Table of contents**

Project Objectives ……………….……………………………………………………….……….. 4

Requirements ……………………..…………………………………….………………………….. 5

References ………………………………………………………………………..………………….. 6

Case Tools ……………………………………………………………………….……………………. 7

# Project Objectives

The objective of this project is to create an ASP.NET web application with a functional CRUD table. The database should be created via DDL (data definition language). Said database will be for an animal shelter, where the table will contain columns for breed, weight, age, and a serial integer primary key ID.

# Requirements

* It must be able to be viewed in both IE (11) and Chrome (39) browsers.
* Users will be able to create rows, read them, update rows, as well as delete them
* Clients web page must be protected against injection attacks
* Following constraints have to be met:
* If breed is not null, its string length must be greater than zero
* The weight must be non-null, and between 0-500
* If the age is not null, it must be between 0-100
* The web app will display the table contents that were inputted by the user

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Breed** | **Weight (lb)** | **Age** | **Serial Number** |  |  |  |
| Husky | 40 | 3 | 123654 |  | Delete | Update |
| Rottweiler | 55 | 4 | 789456 |  | Delete | Update |
|  |  |  |  |  |  |  |
| Create |  |  |  |  |  |  |

# References

1. <http://www.visualstudio.com/en-us/products/visual-studio-ultimate-with-msdn-vs.aspx>
2. <http://sandcastle.codeplex.com/>
3. <https://stylecop.codeplex.com/>
4. <http://www.asp.net/>

# C.A.S.E Tools

* Visual Studio 2013
  + <http://www.visualstudio.com/en-us/products/visual-studio-ultimate-with-msdn-vs.aspx>
* Team Foundation Server (TFS)
  + [h](http://msdn.microsoft.com/en-ca/vstudio/ff637362.aspx)ttps://dziouba.visualstudio.com/DefaultCollection/ENGI\_3675\_Assignment2
* Sandcastle
  + <http://sandcastle.codeplex.com/>
* StyleCop
  + <https://stylecop.codeplex.com/>