Product Requirements Document

# Project 1

# Eng. 3675: Database Systems

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## Mr. G. Toombs

## Team Members:

Robert Byrne \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Brandon Crispino \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

George Dziouba \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Revision Page

# Table of Contents

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

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

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

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

# Project Objectives

The objective of this project is to create an ASP.NET web application that will allow a user to view a chart of paint colors and the corresponding supply of each color from a database.

# Functional Requirements

* Users are able to view the web application only, there will be no other user interaction in this project
* It must be able to be viewed in both IE (11) and Chrome (39) browsers.
* The web app will display a table of paint colors and their corresponding supplies, it will look like this

|  |  |
| --- | --- |
| Paint Names | Liters in Inventory |
| Red | 3 |
| Turquois | 17 |
| Grey | 5 |
| Indigo | 6 |

# References

1. <http://www.visualstudio.com/en-us/products/visual-studio-ultimate-with-msdn-vs.aspx>
2. <http://msdn.microsoft.com/en-ca/vstudio/ff637362.aspx>
3. <http://sandcastle.codeplex.com/>
4. <https://stylecop.codeplex.com/>
5. <http://msdn.microsoft.com/en-us/library/67ef8sbd.aspx>
6. <http://www.asp.net/>

# C.A.S.E Tools

The C.A.S.E. Tools that will be used in the development of this Software product will include…

* Visual Studio 2013 (Ultimate Edition)
  + V.S. will be the main code development tool to be used for writing and compiling of C# and ASP.NET code.
  + <http://www.visualstudio.com/en-us/products/visual-studio-ultimate-with-msdn-vs.aspx>
* Team Foundation Server (TFS)
  + TFS will be used as the team version control to hold code and project documents.
  + <http://msdn.microsoft.com/en-ca/vstudio/ff637362.aspx>
* Sandcastle – Documentation Compiler for Managed Class Libraries
  + Sandcastle software will be used to easily create documents made up of the XML comments in the code.
  + <http://sandcastle.codeplex.com/>
* StyleCop
  + StyleCop will be used to enforce consistency in the projects C# code style.
  + <https://stylecop.codeplex.com/>