## 

**BN002/013/104 Year 3 Project Skills**

**Assessment 1: Report**

**Submitted by: Jeffrey Farnan**

**B00045605**

**10/11/2012**

Table of Contents

[Introduction 1](#_Toc316931372)

[Objective 1](#_Toc316931373)

[Design 1](#_Toc316931374)

[Page Layout 2](#_Toc316931374)

[How the Application Works 2](#_Toc316931374)

[Software 3](#_Toc316931374)

[Implentation 3](#_Toc316931374)

[What I learned from this Project 8](#_Toc316931374)

**INTRODUCTION**

This report is oullines my objective, design and implemtation of this website for Assistment 1. Ive choosen to base the website on a company who restores classic cars. Ive outlined my objective for this site, the design and finally the implentation of its construction. Ive also outlined what I learned by doing this project.

**OBJECTIVE**

To develop a professional and engaging website that will enhance the user experience. I’ve decided to come create a Website which provides information about a particular hobby of mine, which is restoring Classic and Vintage cars. This website will be for people interested and in Vintage and classic cars from the past. The user for this site would get an education about classic cars, how to restore them with pictures and articles.

**DESIGN**

**Research:**

By looking a similar websites, I was able to get an idea of the look and feel of what type of website I needed design and develop.

**Planning**

Planning a website, is thinking about what your user needs, where to put pages and in what order. Most basic websites have a basic layout, with a navigational menu leading to other pages such as a Home page, About Page and Contact Details page which is what im going to stick to, I also going to include a Repair page and a Sales page.

**Design**

I sat down and drew out the basic layout of the website I wanted, where the buttons and pictures would be on every page, which pages would contain the different content of the website.

**PAGE LAYOUT**

**Home page**

This is the first page of the website, which leads to all other pages, this page will contain information about the website.

**Restore page**

This page will lead to other pages about repairing cars, which will include photos of cars being repaired, and include detailed information about the repairs.

**Gallery Page**

This page will show pictures of various different cars.

**Sales page**

There will be pictures of cars for sale, when you click on the picture you get an enlargement of that car for sale, with some basic details underneath about the car.

**About page**

This page will contain details about the company and will also include a map about the companys location

**Contact page**

This page will allow users to fill in a form, and send a email and view a document.

**HOW THE APPLICATION WORKS**

Every application has a html page and a main folder, inside the main folder there is three other folders, a css folder for keeping the style sheets, a images folder for keeping images for the individual pages and a js folder for keeping the javascripts. When a html page is opened the style sheet in the orginal directory creates the layout of the page, the header and footer images are taken form the images folder in this orginal directory too. A style sheet in the css main folder layouts the individual page, images for the page are gotten from the images folder in the main folder, and scripts used are gotten from the js folder.

**SOFTWARE:**

The software used to achieve this goal is HTML, CSS, JavaScript, jQuery and XML/JSON.

**IMPLEMTATION**

Here is the various stages of construction from the template through to the whole buliding of the site.

**Template**

The first step was to create a template, so all pages would have the basic layout. The template is a simple design, with only a couple of pictures, one picture for the head and a picture for the foot of the website and a single style sheet to keep things simple.

**Fig 1.** *Header and main page layout*



**Fig 2.** *Footer*



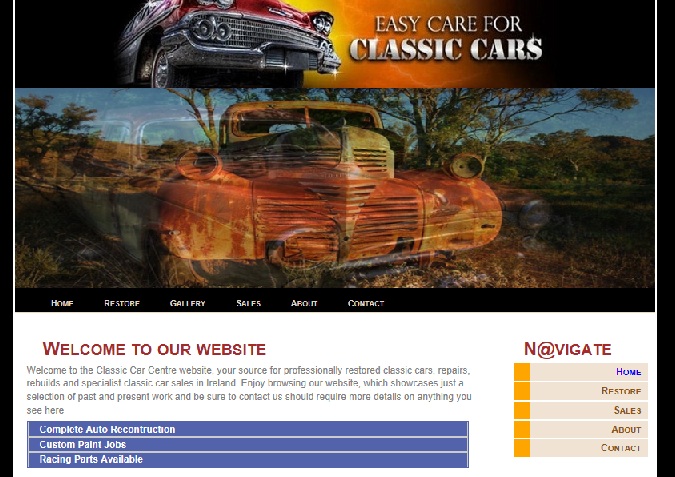
The template has one style sheet which controls the layout of the page,

such navigational menus, colours and font types. The html page controls the layout of the page, holding all the html tags placing them on the page.

**Home Page**

The home page is called the index page, and has a Image Rotator which rotates different images of different cars every few seconds. It also has a Accordian Widget, which has drop down text to view when you pass your mouse over it. The rest of the page has just text and images.

**Fig 3.**Home page

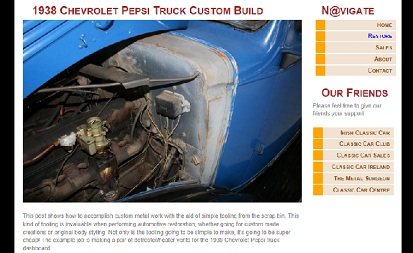


**Restore Page**

This page has two pages the first and second page:

*First page:* This page has a smaller image roator which roates images of a truck being restored. There is a Back to top feature at the bottom of the page, when you click it, you return to the top of the page, plus a next page tag which when pressed you go straight to the second page.

**Fig 4.**Home page



*Second page:* This page has a fade effect which can fade a picture in and fade slowly out, also can fade half way. In the middle of the page has a highlight effect if you pass your mouse over text the background goes red. The last picture has a sliding effect which slice up and down a picture, make it disappear and come back again.

**Fig 5.** *Restored Page*

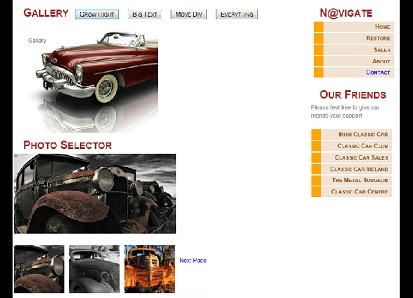
****

**Gallery Page**

This page has two pages the first and second page:

*First page:* The first page has Animating an Element which slices over when a button is clicked and text is enlarged. When a thumbnail is clicked a larger image changes to the picture of the thumbnail.

**Fig 6.** *Gallery Page*

**

*Second page:* The second page has anAccordian Widget which change change pictures when mouse pointer is pressed over them.

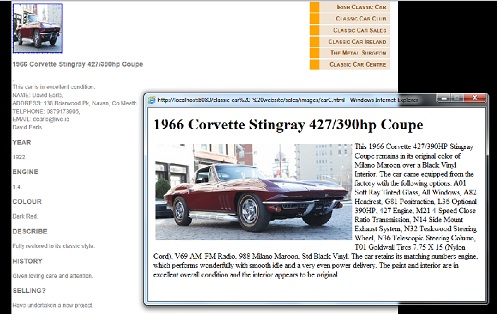
**Fig 7.** *Gallery page 2*

****

**Sales Page**

This page shows thumbnail images of cars, once you click on a car, a larger picture of the car comes up with information about the car, and underneat details of the car are shown such as year and engine size etc. This is a couple of lap work exercises, put together on the one page.

**Fig 8.** *Sales Page*



Once you click on a thumbnail, a javascript searches for a html file related to that thumbnail, and show the file it in a new window. This html file has a larger picture of the thumbnail is brought from the images folder and h3 tags and p tags for a bold header and a paragraph. The thumbnail is also connected to another javascript file which brings in json files.

**About Page**

This page has information about the company, when they were formed and how many years they were in business, etc and directions how to find them. The headings were placed in h3 tags and the information was placed in p tags.

**Fig 9.** *About Page*

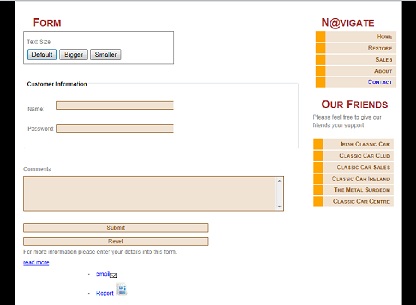


A google map was placed at the bottom so people would know excatly where the premises is. Google maps allows you to customised your own map either for public or private viewing. If you sign in to a Google account then go to google maps, search for a location, than you have your map. Give your map a name, and given the option of public or private viewing, I chose private viewing because this is only a mock up project. Place a marker where your premises is, and allowed to enter text about your company, and give directions. Your given basic options to customise your map, I drew a blue line around Navan just to make it more individual. When finished you can send this location to your friends and yourself to view via email. Google maps gives you the option of seening the code that went into creating your map, and allowing you to copy it into your own html page.

**Contact Page**

The contact page has a form which you can fill out, such as your name, password and comments. This information is passed to contact Details php page. You can send a email (the email has a little envolope beside it) by clicking on the button. View a Word Document( which has a W symbol beside it) by clicking on it.

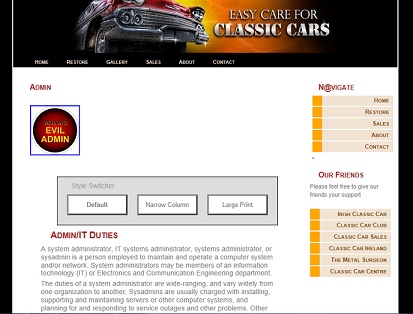
**Fig 10.** *Contact Page*



**Admin Page**

This page has a Style Switcher which allows you to change the layout of the page. It also has a image which when clicked goes to a new page with a new image.

**Fig 11.** *Admin Page*



**What have i learned from this project**

This project has taught me all about scripts, javascripts, jquery and json scripts. Ive been more creative with html tags and css style sheets. The scripts have allowed the website to be more modern and up to date, giving a more professional feel to the website. It is a very interactive website giving the user a more entertaining experience, allowing them to change pictures and view what they want.