CS 142 Advanced Web Design: CSS and Usability Spring 2014

Matt Wolf and Ian Benson

Penguin Home Improvement

Version <2.0>

Table of Contents

[Time Log 3](#_Toc386820973)

[Software Requirements Specifications 4](#_Toc386820974)

[Introduction 4](#_Toc386820975)

[Purpose 4](#_Toc386820976)

[Definitions, acronyms, and abbreviations 4](#_Toc386820977)

[Overall Description 4](#_Toc386820978)

[Story Board 5](#_Toc386820979)

[Home Page: 5](#_Toc386820980)

[Services Page: 5](#_Toc386820981)

[Contact Us Page: 5](#_Toc386820982)

[About Us Page: 5](#_Toc386820983)

[Get a Quote: 5](#_Toc386820984)

[Testimonials: 5](#_Toc386820985)

[Web Usability Testing 6](#_Toc386820986)

[The Test Script 6](#_Toc386820987)

[Question 6](#_Toc386820988)

[Videos 6](#_Toc386820989)

[Assignment requirements 7](#_Toc386820990)

[Specific requirements 8](#_Toc386820991)

|  |  |  |  |
| --- | --- | --- | --- |
| Time Log | | | |
| Estimated time to complete assignment => | | | 40Hours |
| Date | Time Spent  (in hours) | Description | Author |
| 05/01/2014 | 2 | Editing the Document Spec | Matt Wolf |
| 05/02/2014 | 2 | Added the Web Usability Place holders and Storyboard placeholders, as well as added specific requirements | Matt Wolf |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  | <=Total Time Spent |  |
|  |  |  |  |

# Software Requirements Specifications

## Introduction

### Purpose

The purpose of this document is to describe the requirement specification for the web site “Penguin Home Improvement”.

The intended audience for this document is the prospective developers of this site. The goal being that you can give this document to someone and they can make the site without having to ask any questions.

The web site to be created is a place for the owners of Penguin Home Improvement to show off their work and gain new clients. It will be a place for people to contact them and to get information if they wish to contract them.

### Definitions, acronyms, and abbreviations

HTML – Hypertext markup language – used to define your conent.

PHP – Personal Home Page – language that helps to customize html.

CSS – Cascading Style Sheets – used to define the look of a web site.

JavaScript - used to customize what a page does from the clients(web browser) point of view

W3 Validation – refers to both Html and CSS validation tool provided by the W3c.org. the html validator is located at:

<http://validator.w3.org/>

with the CSS validator located at:

<http://jigsaw.w3.org/css-validator/>

## Overall Description

## Story Board

### Home Page:

### Services Page:

### Contact Us Page:

### About Us Page:

### Get a Quote:

### Testimonials:

## Web Usability Testing

This part of the document will include all of the usability documents as well as links to the usability tests themselves.

### The Test Script

Place Holder Text

### Question

Place Holder Text

### Videos

Links

## Assignment requirements

1. *Location* – all files will be located in the public folder of your uvm account. The assignment web page and the submit process will detail the exact location. Failure to have your site located in the correct folder by the due dates will result in a zero on the assignment. Be sure to pay attention to the lowercase letters.
2. *Html Validation* – All pages will pass W3C Html validation for html 5.
3. *CSS Validation* – All pages will pass W3C CSS 3.0 validation.
4. *Meta Information* – All pages will contain a proper title tag, Meta tags (author, character set and description).
5. *CSS* – all pages will have a linked style sheet. Start off with my sample from the lectures.
6. *Navigation* – All pages will contain navigation to all other pages on the site using an ordered list. Be sure to enclose the navigation in the correct element.
7. *Content* – There will be a minimum of 5 pages each relevant to the web site.
8. *Browser compatibility* - This site will be checked on Firefox, Safari, Chrome and Internet Explorer.
9. *Responsive* - This site will be checked on: <http://quirktools.com/screenfly/>
10. A tool bar icon is required to be displayed on the browser tab
11. One page description similar to the one above that should be a sort of grading guide.
12. A minimum of 4 web usability tests will be conducted and documentation as well as the videos will be posted.

## Specific requirements

1. A home page that explains what the company does and gives a couple of important examples.
2. A services page that goes into depth of what exactly they do, what kinds of projects, and so forth.
3. A contact us page to allow for questions to be send via email and show where they are located
4. A “Get a Quote” page that will allow the user to give a description of their project and for that description as well as other information to be emailed to Penguin Home Improvement.
5. An about us page, where all the info about the company is located, such as their story, aka how they started and exactly what they do, more in-depth then the home page.
6. Finally a testimonials page that allows the company to post testimonials of their customers as a way to generate trust from potential buyers
7. A menu for navigation as described in the story board.