Tavy Fraser ec1320540

Requirement Specification

Barnton Quarry Restoration project

Contents

[Purpose Statement 2](#_Toc415751828)

[Goals and objectives 3](#_Toc415751829)

[Clients Goals 3](#_Toc415751830)

[Audience Goals 3](#_Toc415751831)

[Interactivity Objectives 3](#_Toc415751832)

[User Requirements 4](#_Toc415751833)

[User profile 5](#_Toc415751834)

[Technical Requirements 6](#_Toc415751835)

[Additional requirements 6](#_Toc415751836)

[Functional and non-Functional Requirements 7](#_Toc415751837)

# Purpose Statement

To create a website for the current Barnton Quarry Restoration Project, with admin functionality to allow the site owners to add, edit and remove content from the site as they see fit.

The site must present the information about the project in an un-cluttered and intuitive manner.

The client requires the site to cater to a wide age range, and allow the maximum possible exposure using the site and social media integration. The site should follow a concrete and army/Airforce colourscheme.

The main focus of the site should be advertising the existence and goals of the Project and recruiting volunteers The secondary focus should be presenting information and images of the project and it’s history.

# Goals and objectives

## Clients Goals

* Advertise project
* Encourage volunteers to help out
* Increase understanding of the bunkers history
* Build hype about the eventual opening

## Audience Goals

* Fast loading website
* Clear information on volunteering
* Interesting and engaging information on the site and project
* Social media
* Easy to register to volunteer
* Intuitive navigation of the site

## Interactivity Objectives

* Fully working and user customisable thumbnail gallery with modal integration
* Facebook integration
* Ability to register to volunteer online

# User Requirements

|  |  |  |
| --- | --- | --- |
| **User** | | **Comment** |
| **Age** | All ages | The site should be accessible for all age groups. |
| **Gender** | Male and Female |  |
| **Literacy Level** | Basic to intermediate |  |
| **IT Level** | Basic to intermediate | It is assumed most people will have at least basic computer skills, but the site should still cater for as wide a range of skills as possible. |
| **Social Group** | Historical | Assumed usergroup would be people who are interested in Cold War bunkers, underground structures, exploration or history. |

## User profile

**Scenario**

Peter is a retired Cold War enthusiast. He collects pickled onions and stores them in his living room. He has a strong interest in working outdoors and has a good knowledge of the system of ROTOR bunkers, and enjoys restoration projects. He likes long walks on the beach.

**Description of character**

Name: Peter Extraneous Character

Age: 59

Education: High School

Marital and family status: Single, never married

Place of residence: Rosyth

Employment: Retired banana straightener

**Characteristics and Interests**

Hard-working, dour, loves reading about Russian nuclear weapons. Aspires to be a Masterchef, and is a keen amateur radio enthusiast who denies listening in to the police frequencies. He has long thought about making a backup plan for surviving the impending Chinese Invasion.

**Reasons for visiting the website**

Researching local nuclear bunkers.

**Limitations**

George is computer literate, and expects the site to be easy to navigate so he can find the information he wants. He is currently unaware of the ability to volunteer and scope out the bunker for himself.

**Tasks**

1. Find information on nuclear bunkers
2. Visit site and learn of volunteering
3. Register to Volunteer

## Technical Requirements

|  |  |  |
| --- | --- | --- |
| **Technical Requirement** | | **Comment** |
| **Hardware** | Internet enabled computer, monitor, mouse and keyboard | Ability to access and use the internet is essential to use the website. |
| **Software** | Web browser, Adobe Flash, Java | Web browser is required to access the site. Videos require Flash, and Google maps requires java. |
| **Interaction** | Limited | All navigation should be mouse-based, with no textual search. Search functionality would be map based. Text input would be restricted to contact forms. |
| **Feedback** | Limited | Alt-tags for all images, and for form inputs |
| **Support** | All user levels, and special needs | The site navigation should be intuitive, so it is accessible to everyone regardless of skill or learning level. |

## Additional requirements

|  |  |
| --- | --- |
| **Additional Requirements** | **Comments** |
| **Context of Use** | It is envisaged that information is likely to be accessed using an internet connected home or office computer system with web browser and flash player plug-in. |
| **Time** | The project should be completed in 3 months. |
| **Resources** | * Microsoft Word 2013 * Notepad++ * Adobe Photoshop |
| **Knowledge and Skill** | The site will be Responsive. Working towards a Responsive site should be possible within the scope and timescale of the project. Further research into gallery functions are needed. |

# Functional and non-Functional Requirements

|  |  |
| --- | --- |
| **Functional** | **Non-Functional** |
| * Literacy level * IT level * Physical needs * Interaction * Feedback * Support | * Age group * Gender * Social group * Hardware * Software * Deadline * Resources * Knowledge and skills |