**User Testing Document and Change Log**

**Submarine Compendium**

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A user testing document with change log, this is to show the website has been tested by multiple screen sized and user as evidence for fitness of purpose and that users are able to use this site with effect.



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# Introduction

This document will reflect on the 20 users that tested the website. 10 users were logged after the website was finished. The first ten helped to push forward many changes which are reflected in the change log of this document, the last 10 acted as testers to the final product giving their thoughts and possible future improvements. From what was noted, many people enjoyed the website, found the navigation intuitive to use, thought the submarine catalogue needed a label to tell them what to do and which buttons to press and struggled to enable the unsafe scripts. All of them were able to use the mobile version of the website as it was built mobile first, this will be reflected throughout the tests in this document.

# Testing Strategy

An observation based testing strategy was adopted along with some black box testing. Observations came by taking notes as users used the website, this can be found evident in the User Testing Video provided in this same folder. Black box testing was done as routine testing from known bugs, generally responsiveness and Javascript delays. For each user that was tested, notes were taken, among this document you will find a sample of notes taken during an observation testing routine as evidence of this. During note taking, the users screen size was noted, operating system, browser, and technical ability. All of these criteria play a key role in determining a type of user and how they would be using the website as well as being able to enable unsafe scripts which is not simple for a non-technical user.

# User Testing Table and Comments

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***User ID*** | ***Screen Resolution*** | ***Operating System*** | ***Technical Ability*** | ***Browser*** | ***Comments made/ Notes made*** |
| 1 | 1440x900 | OSX | High | Chrome | User found the navigation intuitive and simple to use. User liked the mobile readiness of the site and enjoyed the facts about submarines. User found it difficult to enable unsafe scripts and had to highlight text on howItWorks to see what it says. Make adjustments in change log. |
| 2 | 1920x1080 | Linux | High | Chrome | Computer found the original video background on the catalogue to be very slow for them, they suggest I remove the video eintirely and replace with a gif instead. User liked pressing the buttons on howitworks through mobile and seeing the facts be responsive. |
| 3 | 1280x800 | OSX | High | Firefox | Video loaded much better for this user as the background for the compendium through firefox, possible ram leak for the video in chrome? User requested a change for text colour and found the prompt annoying with the museum page. |
| 4 | 2560 x 1600 | OSX | High | Chrome | This user had no problems at all and no suggestions for fixing. |
| 5 | 1440x900 | Windows 8.1 | Low | Chrome | Users browser crashed due to video, suggested changing to an animated series of images instead of a video. Really like the hovering buttons and thoroughly checked the google map API, seeing what the museum looked like in real life. |
| 6 | 1920x1080 | Windows 10 | High | Opera | This user had no problems at all and no suggestions for fixing. |
| 7 | 1200x800 | Linux | Average | Firefox | User requested the video be changed on the submarine catalogue to a static image but no suggestion of what static image. User was able to find the unsafe script fix for museum page and really liked the index menu as being stylish and modern. |
| 8 | 1280x800 | OSX | Average | Chrome | This user had no problems at all and no suggestions for fixing. |
| 9 | 1920x1080 | Windows 10 | Low | Microsoft Edge | This user had no problems at all but did request to remove the useless search compendium tool and replace with a demontfort university link. He tested responsiveness in browser by accident and was pleased it worked on his mobile device. |
| 10 | 1920x1080 | Windows 7 | High | Internet Explorer 8 | This struggled with images loading because of browser, a possible work around in future will. Content worked fine along with logic, user requested change in text colour for howitworks. Navigation came natural to this user even on the catalogue. |

# Change Log

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Change Number*** | ***Description*** | ***Process*** | ***Re-assessed testing comments*** | ***Comments*** |
| 1 | Change colour of text on the howItWorks webpage to something more visible to the user. | I changed the css code to a more suitable colour for the user, 2 lines of code at most. | User was now able to see the content and is overall pleased with the change. | In future I must be more careful of text colours with usability. |
| 2 | Create a label for the submarine catalogue page. | A label was created at the top of the catalogue as a tooltip, this is inline with the sub info label. | User was able to gauge what to do straight away rather than guessing this time round. | Users interpret information differently from others, I must be more clear with intentions on the website sometimes. |
| 3 | Remove search compendium and add something like a Demontfort University link. | I deleted the form from all of the nav bars and headers, replaced with Demontfort University link to computer science page. | User found this addition to be more fitting for the purpose of the website. | A useless tool isn’t always the best, I should assess what the website needs next time before jumping in. |
| 4 | Remove prompt from museum page, add elsewhere. | Remove it from the javascript and add it into the read me, possibly add a label into the museum page similar to the catalogue solution. | User still needed prompt, re-evaluate later on. | I need to find a work around for the https/http problem. |
| 5 | Remove video from compendium background and replace with gif instead | Background was change to a gif instead, 2 lines of code were changed inside css and html | Users computer was able to now load compendium at the speed it was meant to be loaded and navigate content properly. | Optimize video content next time. |