**Unit 15: Website Development**

Contents

[Problem definition statement requirements (P2) 2](#_Toc117147640)

[Intended audience 2](#_Toc117147641)

[Full summary of the problem to be solved 2](#_Toc117147642)

[Constraints 2](#_Toc117147643)

[Benefits 2](#_Toc117147644)

[Nature of interactivity 2](#_Toc117147645)

[Purpose requirements 2](#_Toc117147646)

[Design ideas and prototyping 2](#_Toc117147647)

[Alternative design ideas 2](#_Toc117147648)

[Mood Boards 2](#_Toc117147649)

[Final Wireframe 2](#_Toc117147650)

[Search engine optimisation 3](#_Toc117147651)

[Client-side scripting design 3](#_Toc117147652)

[Assets 3](#_Toc117147653)

[Testing plan 3](#_Toc117147654)

[Legal and ethical considerations 3](#_Toc117147655)

[Obtaining and using feedback from others (P3) 3](#_Toc117147656)

[Questionnaires for the overall design 3](#_Toc117147657)

[Analysis of the feedback on design 4](#_Toc117147658)

[The improvements from the feedback 4](#_Toc117147659)

[Screen Shots (P4) 5](#_Toc117147660)

[HTML 5](#_Toc117147661)

[CSS 5](#_Toc117147662)

[Javascript 5](#_Toc117147663)

[Uploading of files to a web server 5](#_Toc117147664)

[Testing Section (P5) 6](#_Toc117147665)

[Test Plan 6](#_Toc117147666)

[Launch Testing 6](#_Toc117147667)

[Usability Testing 6](#_Toc117147668)

[Website Review (P6) 7](#_Toc117147669)

[Justify your design decisions (M2) 8](#_Toc117147670)

[Website Optimisation (M3) 8](#_Toc117147671)

[Evaluate the design and optimised website against client requirements (D2) 8](#_Toc117147672)

[Demonstrate individual responsibility, creativity and effective self-management in the design, development and review of a website (D3) 8](#_Toc117147673)

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| **Design Documentation** |

# Problem definition statement requirements (P2)

## Intended audience

This page is meant to reach people looking to enjoy a nigh out in Bristol. This includes every group of ages or sexes. Nobody is excluded.

## Full summary of the problem to be solved

You have recently joined a web development company ‘Babber Web Dev’ as a junior web developer. You have been asked as part of your induction and training to create a website about an aspect Bristol. The company commissioning the website wants:

•A Homepage

•The chosen aspect(s) of Bristol or more than one page

•A Contact page to ask further questions about Bristol

•Links to General Bristol Attractions

## Constraints

To make this website look exactly like the way I conceived it I faced plenty of constraints and one of the most important was using the right HTML and CSS codes and make them work properly. There was a huge issue with the times management as well because the codes are easy to forget sometimes, and I had to look back at my previous codes to refresh myself that involves spending more time on coding.

Of having a website

## Benefits

The benefits of having this website are:

First, I spend a huge amount of time leaning and searching to build this website. Therefore, I gained a lot of experience in the domaine, learned a lot of new things, and got better in website development.

Secondly, this website is going to be extremely useful to anyone new in Bristol looking for a lovely place to spend his nights out.

Thirdly, this website will serve to all the clubs available on it as an advertisement page because if any visitor is interested by a club advised on this website, he can be redirected straight up to the real page of that club to buy a ticket.

Of having a website

## Nature of interactivity

I made this page very interactive and easy to use. The Navigation system perform and respond well, you can buy a ticket and get the location for any place you are interested in. The visitors can as well interact with me by asking me questions about the places or to give me their opinions.

Web 2.0 content

## Purpose requirements

There must be a homepage  
…  
…  
…

# Design ideas and prototyping

Diagrammatic illustrations

Site map

Paper designs

Initial Wireframes

## Alternative design ideas

Further adaptions of the wireframes

Why have you chosen and discarded the wireframes

## Mood Boards

## Final Wireframe

Display your final design and explain why you have chosen it.

# Search engine optimisation

Description

Keywords

# Client-side scripting design

Flowcharts

# Assets

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Asset Name** | **Format (.png, .jpg, .mp4)** | **Asset Description** | **Original / Ready-made** | **Alt Tag** |
| lion | jpg | Lion eating | original | Lion eating |
|  |  |  |  |  |
|  |  |  |  |  |

# Testing plan

See Testing Section

# Legal and ethical considerations

Legislation considerations

# Obtaining and using feedback from others (P3)

### Questionnaires for the overall design

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Name: |  |  |  |  |  |
| # | Question | Strongly Dis-Agree | Disagree | Neutral | Agree | Strongly Agree |
| 1 | Was the design of the homepage . . . |  |  |  |  |  |
| 2 | Was the banner image relevant . . . |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Name: |  |  |  |  |  |
| # | Question | Strongly Dis-Agree | Disagree | Neutral | Agree | Strongly Agree |
| 1 | Was the design of the homepage . . . |  |  |  |  |  |
| 2 | Was the banner image relevant . . . |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

### Analysis of the feedback on design

For question 1 . . .

For question 2 . . .

### The improvements from the feedback

Before and after improved designs – based upon feedback.

|  |
| --- |
| **Website Development** |

# Screen Shots (P4)

# HTML

# CSS

# Javascript

# Uploading of files to a web server

# Testing Section (P5)

### Test Plan

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test Number** | **Purpose of test** | **On Page** | **Test Data** | **Expected Result** | **Actual Result** | **Comment / Result** |
| 0 | Test the home button | website.html | Left click | Load website.html | Pass | Click mouse and correct page loaded. |
| 1 | Test the |  |  |  |  |  |

### Launch Testing

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Test** | **Index.html** | **Your own page** | **Your own page** | **Your own page** | **Notes** |
| 1 | Navigation is correct |  |  |  |  |  |
| 2 | Check for any minor error (spelling, Alt tags, images loading etc.) |  |  |  |  |  |
| 3 | 404 Error Pages |  |  |  |  |  |
| 4 | Browser compatibility (Edge, Chrome etc) |  |  |  |  |  |
| 5 | Works on mobile devices |  |  |  |  |  |
| 6 | Is displayed correctly on 21 Inch monitors |  |  |  |  |  |
| 7 | URL’s are correct |  |  |  |  |  |
| 8 | SEO is implemented on each page |  |  |  |  |  |
| 9 | Test for social media integration |  |  |  |  |  |
| 10 | Usability test (does the page make sense) |  |  |  |  |  |

### Usability Testing

Post-test Satisfaction Questionnaire (non-experts)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Question | Strongly Dis- Agree | Disagree | Neutral | Agree | Strongly Agree |
| 1 | I found the navigation straight forward around the site. |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

# Website Review (P6)

Suitability for intended purpose and audience

Suitability against the client requirements

Quality in comparison with other similar websites

Legal and ethical constraints

Strengths and improvements

Use the testing to see how well you have done

# Justify your design decisions (M2)

How are your designs meeting the users’ needs and is it fit for purpose?

You will apply their knowledge through selection and application of appropriate methodologies to design, develop, maintain and test an effective, optimised website to meet client requirements. You will produce comprehensive designs, including alternative solutions.

# Website Optimisation (M3)

Using the testing section and any feedback you get from questionnaires, suggest how you would improve your website.

If you agree Change your website so it is now more optimised. Please create BEFORE and AFTER images for evidence.

# Evaluate the design and optimised website against client requirements (D2)

You will consider whether the website meets client requirements, including achieving its stated purpose and appealing to the target audience. You will justify the designs and provide a discussion on why alternative designs were not used. You will give a detailed and balanced evaluation of how effectively your completed website meets the client requirements, including appealing to the target audience and meeting its stated purpose, in comparison to alternative solutions. Their evaluation will be supported by evidence from all stages of the project to reach conclusions and suggest developments.

# Demonstrate individual responsibility, creativity and effective self-management in the design, development and review of a website (D3)

The evaluation must contain a systematic and accurate review of their own skills, performance and behaviours and the impact that this had on the development of the final website. You will take individual responsibility for your own work, for example identifying potential issues and resolving them, reviewing the work and making improvements, keeping the work safe and secure and showing responsible use of quoted materials. Creativity will be shown, for example, by taking innovative approaches to problem-solving and through the originality of their solution.