# REQUIREMENT SPECIFICATION

DIGNANS CATERING

SITE PROPOSAL

Dignans Catering have approached our web development team to request a website be built for their well-established company.

Dignans have been based in Edinburgh for 5 years and operate from their popular café which has an existing client base mainly from local businesses in the surrounding area.

As a result of their growing popularity through customer recommendations Dignans have decided to expand their business to cater for corporate events, office lunches and celebration buffets etc. The business wants to access a wider geographic area and as their current main source of advertising is through business cards, local directories and the side of their van, Dignans have therefore requested a website to be built which can be listed on local online business directories. The website address can also be added to the van decals and business cards.

The main objective of the company is delivering delicious food and the owner would like a professional website that displays the services the company can provide and shows the products it can deliver in a very appealing way to existing and potential customers. This will require high quality images of food with an easy, intuitive navigational hierarchy turning visitors of the website into paying customers. Potential customers must be able to find the website through search engines.

Customers should be able to contact the business via email capturing customer details for future orders or marketing. A contact page will be generated to allow for this.

The website must include a menu page displaying products for purchase and have the option of printing the menu off for reference. The business uses marketing strategies like special offers which change monthly to drum up business from local office buildings and the owner would like this as part of the website.

Appealing to a wide demographic range and social media users is important to any company therefore a ‘blog’ page will be included that will promote special offers and events occurring.

An ‘about’ page with a brief history of the company, its values and mission statement as well as a map of the business location is also a requirement.

The existing café is still an important part to the business so a page informing of the days of the week it is open as well as opening hours is important. This will allow listing of café prices, availability of wi-fi and pet policies.

The site must be ready for final testing by the 2nd of February 2025 and tested by 9th of February 2025.

FUNCTIONAL REQUIREMENTS

**Menu Page Product Listing:** Images displaying relevant products that can be booked or purchased.

**Menu Page Product Detail:** Clickable images will display further information on products and services.

**Printable Menu:** Button on menu page will generate printable PDF version of menu.

**Contact Form:** Form that can be used to book events that captures customers email, name and has an option to message the owner.

**Café Page:** Page will display opening hours and prices of coffee and snacks.

**About Page:** Page will include mission statement and brief history of business as well as an active map of location.

NON-FUNCTIONAL REQUIREMENTS

**Performance:** The website should load quickly and efficiently on all browsers and connection speeds.

**Usability:** The site must be intuitive and easily navigated to all ages and computer literacy levels.

**Responsiveness:** The website must be fully responsive to function correctly on mobiles, tablets and desktops.

**Accessibility:** The website should comply with WCAG 2.1 AA standards.

**SEO:** The website should be optimised for search engines to increase traffic.

**Security:** The website must use HTTPS for secure transmission of data.

CONSTRAINTS

Only one programmer available

Research into CSS and Javascript will be required to build some parts of the site

Site completion 2nd Feb 2025

TIMESCALE

https://trello.com/invite/b/672df10fa6c3dc299072395c/ATTI3b58593afb784aa6c8130742d64fb5d1BE844F3A/essential-content

DEVELOPER REQUIREMENTS

**Hardware:**

* PC with up-to-date Operating System
* 16GB RAM
* Decent size hard drive for backup/storage
* Monitor
* Keyboard/mouse

**Software:**

* Access to internet/browser
* **Design Tools:** Figma
* **IDE:** Visual Studio
* **Timescale Planning:** Trello
* **Word Processor:** Microsoft Word
* **Version Control:** Git
* **Responsive Layouts:** HTML/CSS
* **Form Validation:** Javascript
* **Graphic Editor:** Gimp and Canva

PAGE CONTENT SUMMARIES

**Homepage:** Main image, main title text, brief introduction to business.

Media requirements

* Images
* Text Content

**Café Page:** Images of location, products, opening hours and policies.

Media requirements

* Product images
* Text content
* Tables containing café prices
* Map of location including address
* Opening hours

**Menu Page:** Images/Description of products, special offers.

Media requirements

* Product images with labels
* Lists of menus
* Text content
* Button to print menu

**About Page:** Brief description of business history and location as well as mission statement.

Media requirements

* Images of chefs/operation
* Mission statement
* Text content

**Contact Page:** Form to capture user details and allow purchases/booking events.

Media requirements

* Images
* Form
* Text content

**Blog Page:** Blogs of recent events/offers.

Media requirements

* Product offer/event images
* Text content

USER ANALYSIS

* **Target audience:** The website must appeal to a wide demographic from the business surrounding area and beyond. The use of social media is important to improve brand recognition.
* **User behaviour:** Users will want to navigate the site speedily and easily. Ability to print a menu is required.
* **Accessibility:** The site must accommodate users with visual or motor impairments, providing keyboard navigation and text alternatives for all images.

SITEMAP

https://www.figma.com/board/zp8aWdpTki0x106gw55txu/Untitled?node-id=0-1&t=mBAuFeKam1M0jLKi-1

WIREFRAME

https://www.figma.com/design/mryfymwNYHME1r2pqDLqrB/Untitled?t=mBAuFeKam1M0jLKi-1

TESTING

Dignans Catering Website Testing Document

1. **Testing Overview**

Objective:

To check Dignans Catering website meets functionality, performance, usability and accessibility requirements specified and is completed within timescale constraints.

Testing Phases:

Phase 1: Functional Testing

Phase 2: Non-Functional Testing (Performance, Responsiveness, Accessibility, SEO and Usability)

Phase 3: User Acceptance Testing

Phase 4: Final Review and Sign-off

1. **Functional Testing**

2.1 Home Page

* Test Cases

1. Check homepage loads with images and text
2. Ensure navigation works
3. Ensure call to action button works
4. Ensure footer hyperlinks and social media links work

* Acceptance Criteria

1. Elements display correctly, responsively and all links work

2.2 Café Page

* Test Cases

1. Check page loads with images and text
2. Ensure navigation works
3. Ensure call to action buttons, map and opening hours display correctly
4. Ensure footer hyperlinks and social media links work

* Acceptance Criteria

1. Elements display correctly, responsively and all links work.
2. Information displayed is correct

2.3 Menu Page

* Test Cases

1. Check page loads with images and text
2. Ensure navigation works
3. Ensure call to action buttons work, products display correctly and printable menu works.
4. Ensure footer hyperlinks and social media links work

* Acceptance Criteria

1. Elements display correctly, responsively and all links work.
2. Printable menu functions correctly

2.4 About Page

* Test Cases
  1. Check page loads with images and text
  2. Ensure navigation works
  3. Ensure footer hyperlinks and social media links work
* Acceptance Criteria
  + - 1. Elements display correctly, responsively and all links work
      2. Mission statement information displayed is correct

2.5Contact Us Page

* Test Cases

1. Check page loads with images and text
2. Ensure navigation works
3. Ensure form elements work and respond correctly when submitted and accept input
4. Ensure form validation works (i.e mandatory fields, email format)
5. Confirm submission sends email to owner
6. Ensure footer hyperlinks and social media links work

* Acceptance Criteria

1. Form functions as expected with email notification, validation and successful submission
2. Elements display correctly, responsively and all links work

2.6 Blog Page

* Test Cases

1. Ensure page loads with images and text
2. Ensure navigation works
3. Page displays relevant information and special offers
4. Ensure footer hyperlinks and social media links work

* Acceptance Criteria

1. Elements display correctly, responsively and all links work
2. Latest blog information shows

2.7 Confirmation Page

* Test Cases

1. Ensure page loads with correct text

* Acceptance Criteria

1. Text displays correctly and responsively
2. **Non-Functional Testing**

3.1 Security Testing

* Test Cases

1. HTTPS is implemented for secure data transmission
2. CAPTCHA is functional for contact form

* Acceptance Criteria

1. Form is secure and CAPTCHA prevents spam submission

3.2 Performance Testing

* Test Cases

1. Measure website load time on various devices and connections, aiming for less than 1.5 seconds on 3G network
2. Check all pages for consistent load times

* Acceptance Criteria

1. Each page loads in under 1.5 seconds on a 3G network

3.3 Usability Testing

* Test Cases

1. Ensure navigation is easy to use with good visibility
2. Test site can be navigated within 3 clicks to any page
3. Test the site with multiple users from the demographic (at least 2)

* Acceptance Criteria

1. All content is easily navigable
2. Different demographics can use site

3.4 Responsiveness Testing

* Test Cases

1. Test the site on various devices of varying screen size (mobile, tablet, desktop)
2. Ensure page content adjusts correctly on all devices and screen sizes without overlap or misalignment

* Acceptance Criteria

1. Site functions seamlessly on all device and screen sizes

3.5 Accessibility Testing

* Test Cases

1. All images have an ALT tag text for screen readers
2. Test keyboard-only navigation for form
3. Colour contrasts meet WCAG 2.1 AA standards

* Acceptance Criteria

1. Site is fully accessible to all users, including those with disabilities

3.6 SEO Testing

* Test Cases

1. Meta tags, descriptions and keywords are relevant to optimise search engines
2. URLs use proper structure and readability to improve optimisation
3. Configure sitemap.xml and robots.txt are configured

* Acceptance Criteria

1. The site is optimised for search engine optimisation with proper metadata and structured URLs
2. **User Acceptance Testing**

Objective:

To ensure the website meets the client’s requirements

* Test Cases

1. Product Browsing: Client navigates to various pages on the website and views products to confirm they display correctly
2. Client navigates to Menu page, prints off page and information displays correctly
3. Client navigates to Contact Us page, fills out form, submits form and confirms messages and email are received correctly
4. Client navigates to About page and confirms mission statement information is accurate and clear on page

* Acceptance Criteria

1. Website functions to clients specification and performs as expected
2. **Final Review and Checklist**

Checklist:

* All functional and non-functional tests passed
* UAT completed and approved by the client
* Deployment readiness confirmed

1. **Test Execution Log**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID** | **Description** | **Expected Outcome** | **Pass/Fail** | **Comments** |
| TC-2.1 | Home Page Load | Homepage loads images and text as expected  Navigation works  Call to action works  Footer and Social Media links work | Pass | Page loads as expected with no errors and responsive  All links work  Hamburger call to action works |
| TC-2.2 | Café Page Load | Café page loads images and text as expected  Navigation works  Tables contain accurate info  Call to action works  Map, address and opening hours accurate  Footer and Social Media links work | Pass | Page loads as expected and responsive  All links work  Opening hours displayed  Map working as expected  Address correct  All table pricing info is accurate  Hamburger and navigation working |
| TC-2.3 | Menu Page Load | Menu page loads as expected  Navigation works  Call to action works  Products images and labels are accurate  Print option works  Download menu works  Footer and Social Media links work | Pass | Page loads as expected and responsive  All links work  Popup menus work  Download / print menu option functions as expected  Hamburger and navigation working |
| TC-2.4 | About Page Load | About page loads as expected  Navigation works  Call to action works  Footer and Social Media links work | Pass | Hamburger and navigation working  Images and text load as expected and responsive |
| TC-2.5 | Contact Page Load | Contact page loads as expected  Navigation works  Call to action works  Form functions as expected  Footer and Social Media links work | Pass | Page loads as expected and responsive  Form validation functions and error messages display correctly  Input boxes accept user info  Form submission functions as expected  Hamburger and navigation working |
| TC-2.6 | Blog Page Load | Blog page loads as expected  Navigation works  Images and text load as expected  Special Offer info accurate  Call to action works  Footer and Social Media links work | Pass | Page loads as expected and responsive  Monthly Special Offer section displays correctly  Hamburger and navigation working |
| TC-2.7 | Confirmation Page Load | Confirmation page loads as expected  Navigation works  Images and text load as expected  Call to action works  Footer and Social Media links work | Pass | Page loads as expected and responsive  Text and images load as expected  Hamburger and navigation working |
|  |  |  |  |  |
| TC-3.1 | Security Testing |  |  |  |
| TC-3.2 | Performance Testing | Website load time on various devices  Check all pages for load time | Pass | Site checked for mobile, tablet and desktop. Load time 1.2 seconds average which is acceptable for brief  Very little variance of load time across all websitepages |
| TC-3.3 | Usability Testing | Site can be navigated within 3 clicks to any page  Site tested by multiple users  Site colour scheme checked for usability | Pass | Site colour scheme(#333126 and #F89F0F) has good 6.19 rating on contrast check  Site easily navigable  All pages linked to navigation |
| TC-3.4 | Responsiveness Testing | All site pages tested on devices of varying size  All site pages responds and adjusts on all device sizes | Pass | All pages function responsively and as expected on mobile, tablet and desktop devices  Pages are responsive with no misalignment or overlap |
| TC-3.5 | Accessibility Testing | All images include ‘alt’ tag for screen readers  Form navigable using keyboard only  Colour contrast meets requirements | Pass | All images include descriptive ‘alt’ tag  Form can function with keyboard only  Site colour scheme meets 6.19 rating which meets WCAG 2.1 AA standards |
| TC-3.6 | SEO Testing | Site contains relevant meta tags, descriptions and keywords  URL’s use proper structure  Sitemap.xml and robots.txt configured on site | Pass | All images ’alt’ tags contain descriptive and relevant info  URL’s and meta tags use useful content for search engine optimisation  Non relevant pages excluded from robots  Relevant order of importance used for pages using sitemap.xml |
|  |  |  |  |  |
| TC-4 |  |  |  |  |
|  |  |  |  |  |
| TC-5 |  |  |  |  |