**Task 1 – Interface Designs Explained**

This document takes the Interface Designs found in the Interface Design document, and adds context to the design choices. This will break down the layout of the planned web pages, the colour choices, interactivity options, what different elements refer to, and the way certain features will work.

Note that all examples shown are subject to change, based on the development status of the final digital solution. Some features may have slight alterations, whilst others may be omitted entirely.

Home
The first page users will see when interacting with the website.
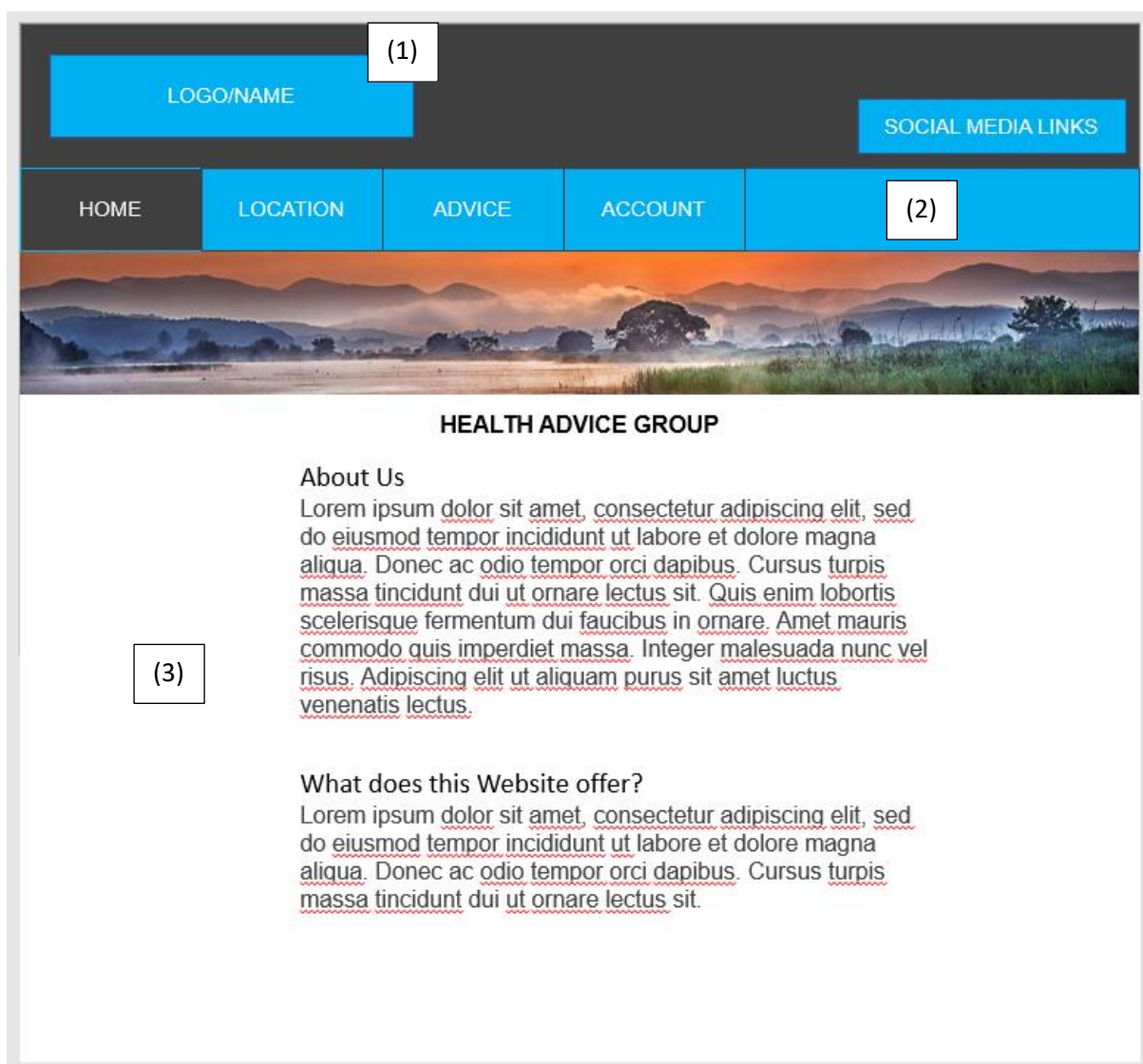
1. Colour and Branding

The current selected colour scheme aims to create a webpage that communicates each element of the page effectively, with clear colour choices for specific page elements to denote their uses. I have opted for a medium/light blue to highlight the navbar and interactive features of the website,

against the darker background colour selected for the header. There is space for social media links and a logo on this header to maintain the company name across the website.

The body of the website features a white background, to defer from the dark grey for the header. In addition, headers are boldened and are in black, whilst paragraph text is in a slightly lighter grey, again, to establish a visual hierarchy for text.

2. Navbar

The navbar will remain at the top of every page, and allows for the user to reach any other page on the site. It uses the blue accent colour with white text for each of the page titles. The active page will be highlighted in a dark grey and when buttons are hovered over they will be a slightly darker shade of blue, to better communicate to the user where elements are interactive.

3. Body of the page

The current design for the page body shows a basic background image, space for the title of Health Advice Group (or their logo), and some basic welcome information including an 'about us' section along with an overview of what the site offers users. This can be adjusted to show additional info such as accolades and acknowledgements that show Health Advice Group's standing.

Location
This page offers a variety of location and weather information.

1. Page overview

The paragraph at the top of the page explains the features available on this page and further info about them, e.g. what is pollen count measured in, using the Air Quality Index as a guide, temperature in Celsius etc. This way, users are informed about the sources of this information and what it is they are specifically viewing.

2. Location Drop down

Currently the site will allow users to select locations from a number of existing towns or cities, which will dynamically update the Pollen count, air quality and temperature. This way, users can adjust this information to view cities or towns near them, and view a variety of places with very little input needed.

3. Additional Information

This element shows some sources for this data/information such as the Department for Environment, Food and Rural Affairs who produce the Daily Air Quality Index that this site currently uses as its guide. In addition, BBC Weather and the Met Office are available as external links to give users the option to view more specific weather data and forecasts that this site cannot provide.

Advice

This page is dedicated to an advice section, where it will outline key health guidance for its users.
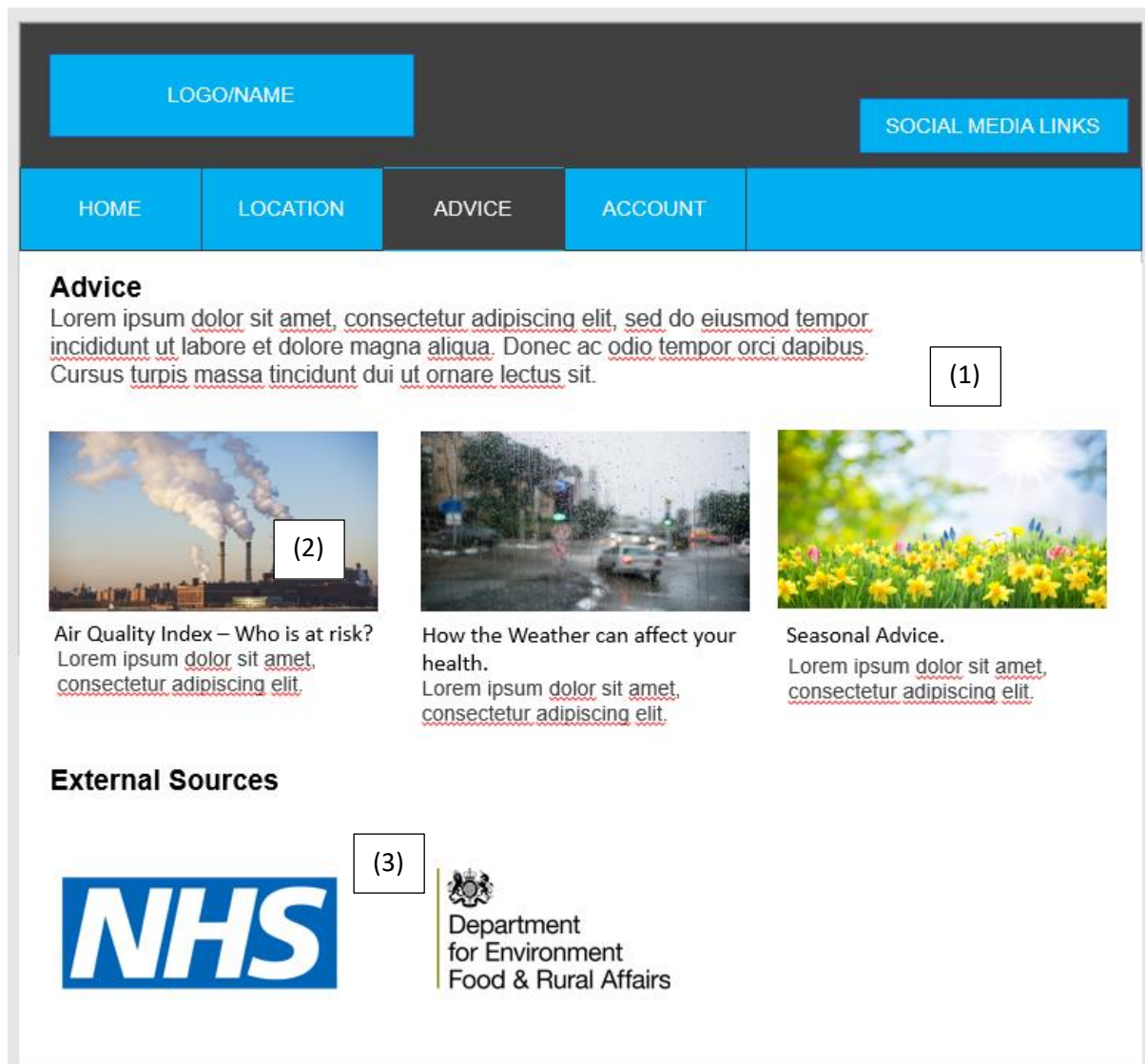
1. Page Overview

This section details what this page offers, similar to the location page shown before. This page will act as a single location for users to view all relevant information regarding health advice, to avoid the need of navigating to multiple pages to find the piece of information that they want.

2. Article Links

Examples of advice blogs and articles that may feature on this page. Each article has an image, a title and a description allowing users to see if the information they discuss is of interest to them. Currently three are shown but there is no limit to the amount, and they would be able to update with new articles.

3. Additional Sources

Similar to the features on the location page, these links will instead direct users to health advice focused info. For example, the NHS page which will offer guidance for users with specific health problems like asthma and hay fever, and the DEFRA website which will show a guide for the Air

Quality Index and other relevant health information. There is space here for additional links if other important sites come up.

Account
Page where users will navigate to once they sign in, allows them to make adjustments and view their account details.

(4)

1. Account Details

Here users will be able to view the email address, name and location associated with their account. The plan is to also develop a means of altering this information and updating their account with new details. The location here should be able to adjust the content of the location page and auto select the relevant city or town. Currently it features placeholder information, some of which may not feature in the final version of the website.

2. BMI Calculator

One feature as part of Health Advice Group's interest in a health tracking system. This BMI calculator currently exists as a part of the website, however may be replaced with an embedded calculator or link to an external one. This will allow users to use this site to also see on demand information regarding their physical health. This is an example of the types of health tracking that could feature on the site. There is also the ability to add other features, like a calorie counter or options to input amount of exercise a week etc.

3. Accessibility Features

Currently on the account page, this will allow users to make adjustments to the site and change certain elements to suit their needs. This currently includes the option of a light mode and dark mode and a font size changer, but may include other features too. Whilst these features are currently only accessible through the account page, if successful with making working/functional features, they may be added to a separate settings page that will allow any user to change these elements, with the account being linked to these settings and saving their choices.

4. Login and Register Pages

These pages are additional elements of the account process. They are subpages of the account page used to allow a user to sign in or sign up to the website. The login page features a simple email address and password input, compared to the register page which requires the following:

- Email
- Password and Confirm Password (including password parameters).
- Date of Birth

Any additional account info can be altered or added once logged in and visiting the account page, where they can adjust information such as change their email or add a location.