# High fidelity protoype

Introduction

The idea behind cookhouse was to create a website which provided users with easily accessed resources to being exploring different flavours and methods of obtaining them through cooking.

Ninety percent of all cooking and lifestyle websites out there are either too complex to navigate just to find something to cook, or throws too much information and popups to the user that quickly becomes a nuisance

Cookhouse provides a clean, simple interface for users, allowing them to easily navigate through our recipe collection with ease.

We have categorised recipes for different meals such as breakfast and dinner, so whatever time of day it is users can always discover something new to create and eat.

Nobody is born a cook, one learns by doing.
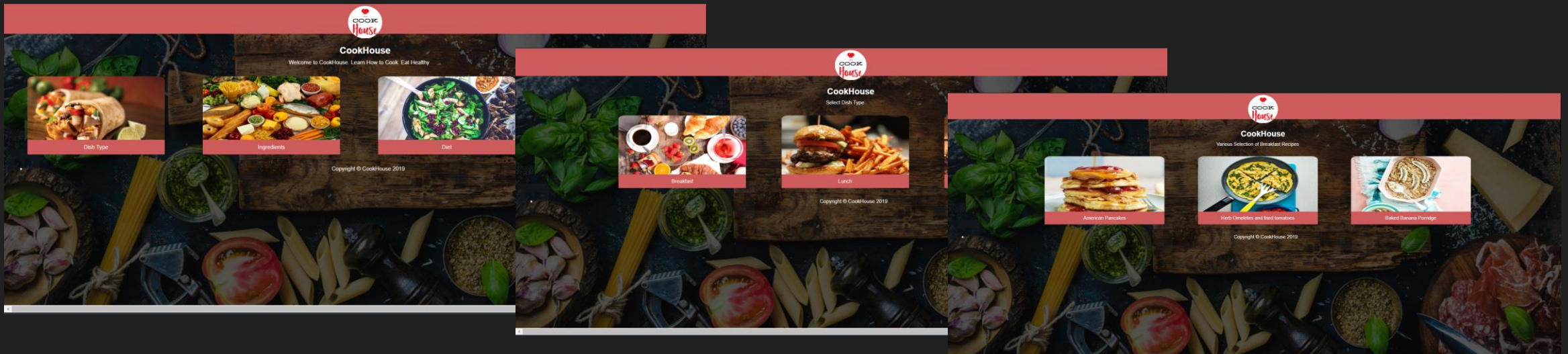
Creating the Prototype

The website was created using html editing tools, mostly Notepad++. The html files were uploaded to Githubs web hosting/viewing platform. This allowed us to visualise the prototype as if it was being hosted on a domain, which gave us an idea of how it could look when fully developed into a website. We designed the HiFi prototype based on our findings from the Lo-Fi prototype, we discovered that users wanted something simple but informative. Within our Lo-Fi prototype we intended to mainly use widgets for navigation, this became the common theme of our prototype.

Located on the right is our lo-fi prototype that was designed with user needs in mind. We wanted website navigation to be simple to use and intuitive, so we designed the lo-fi to function with widgets, which are large and clear interactive options for the user. After selecting a widget on the frontpage, depending on the category chosen, users will then be brought to a different page which either provides more options to further refine what they are searching for or they are taken to a recipe page for their chosen recipe.
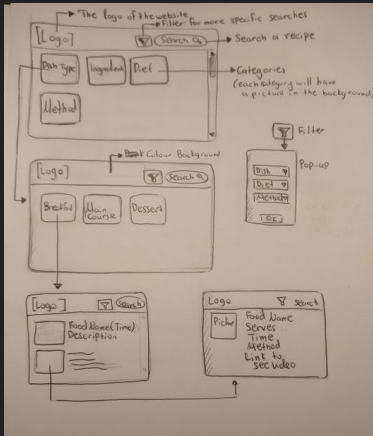
Different asset had to be created to bring the prototype to life, utilising photoshop and online research, we managed to combine attractive and clean images of a large variety of foodstuffs with relevant information about them such as recipes. These were easily added to the website prototype by calling and adding them within the html files.
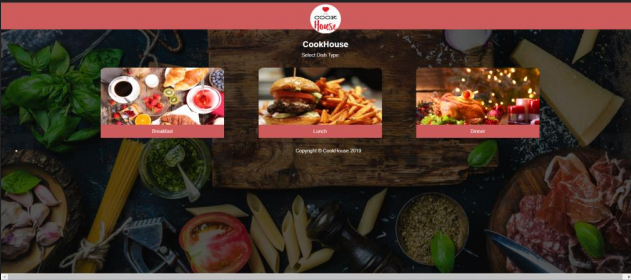
The end result is a very modern and clean looking recipe website as which is easy to navigate, and displays to users which recipes they wish to use with ease.

Recipe links on the website connects users to third-party sites.

System Architecture

○ Our prototype has been designed using HTML programming and methodologies.

○ We used basic HTML as to not complicate designing the prototype too much.

○ We Discovered that a clean and intuitive prototype doesn't have to be created with complex coding.

○ A large chunk of the programming was created using Visual Studio and NotePad++.

The pages are also linked together through hrefs. The headings for each widgets within the prototype are also created using </p>figcaption</p>

The titles and headings used are basic HTML coding, such as "<div> class="header"<div> and using <p>"insert text" </p> for subheadings

The main body of the prototype consists of the "href function" which utilises image assets from different web sources.

Unit and System test

○ This slide will showcase some simple tests for the system.

○ The tests will be carried out by editing some HTML code and seeing if the output correlates to the changes made.

Test 1 – Editing Heading and subheadings
Expected outcome – Headings and subheadings change to new values.

Test 2 – Editing image assets by changing the src link through "href".
Expected outcome – new selected image is displayed on the prototype.

Output result was as expected, the headings were changed.
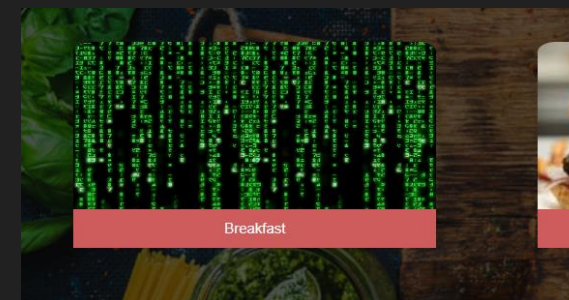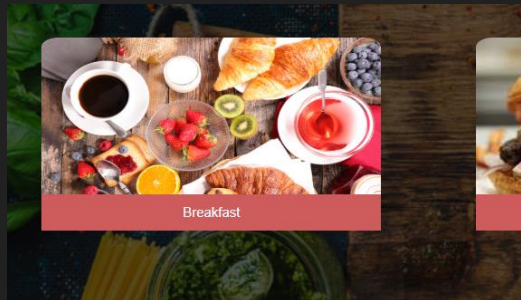
Output result was as expected. The image has been changed with no errors present.

Functionality

○ The prototype was designed so that the user can navigate through recipes with ease.

Main features

Added widgets which displays options that helps refine recipes.
E.g. Dish Type > Breakfast > Pancakes

Widgets are so reactive, meaning when the mouse pointer is hovering over them, they become enlarged and the text which describes it disappears, this shows the user what option they are about to select.

Each recipe provided within the website is linked to an external website which contains the recipe with corresponding nutritional and allergy information.
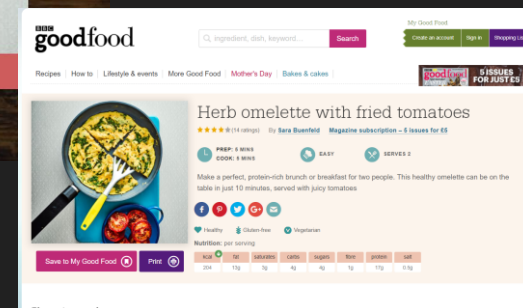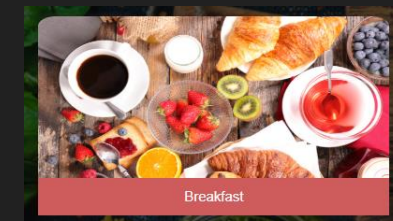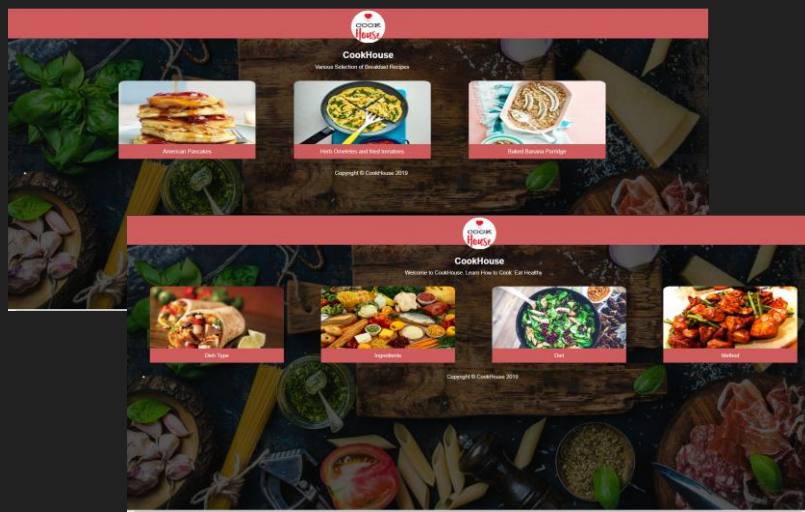
Usability

Simple task:
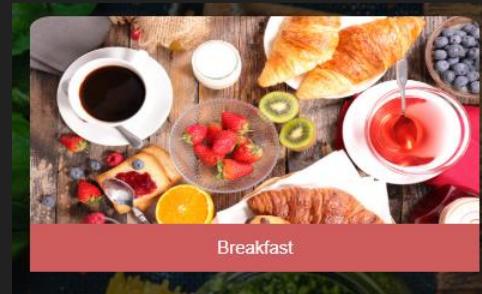Clicking the home button returns use to the homepage
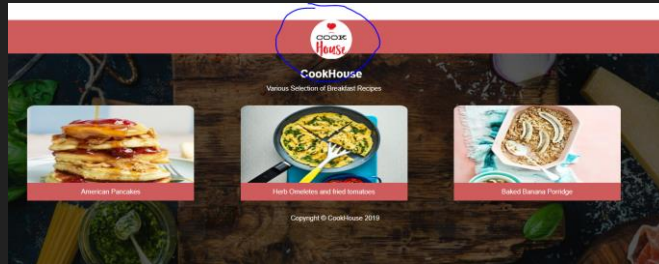
A simple test for our prototype was to see if clicking the home button actually returns the user to the front page.

The Home button link worked as intended bringing the user back to the main page,

Medium task:
Selecting widgets to navigate pages

If a user selects a widget, for example "Breakfast" the website should move them to the breakfast category which provides different breakfast recipes.

The user is taken to the page with recipes for the type of dish they selected, meaning this task was successful.

Complex task:
Widget links to external site.

Selecting the recipe that the user wants should take them to an external website which provides nutritional information about the recipe alongside cooking methods

The task was carried out successfully and the recipe links on the website connects users to third-party sites which have already mastered certain recipes with necessary nutritional information provide.