Alan Maizon

Module 2 - Javascript

Conceptualization

The target audience are ethically minded people looking for healthy recipes to cook, and empower a community that wants to prepare, share food and create values: to care for the environment, for animals, for each other.

Goal:

- Give focus, direction, and action to the project
- Provide a interactive platform to the user
- Create a integrated functionality within the website

Analysis

Main Content

Centralized space for displaying recipes with navigation buttons for previous and next recipes

Step-by-Step Instructions

Emphasis on practical and easy-to-follow recipes

Content Sharing Feature

Function to export the current recipe in social media like plain text

User-Friendly Interface

Simple and clean gallery layout, with easy navigation

Search functionality

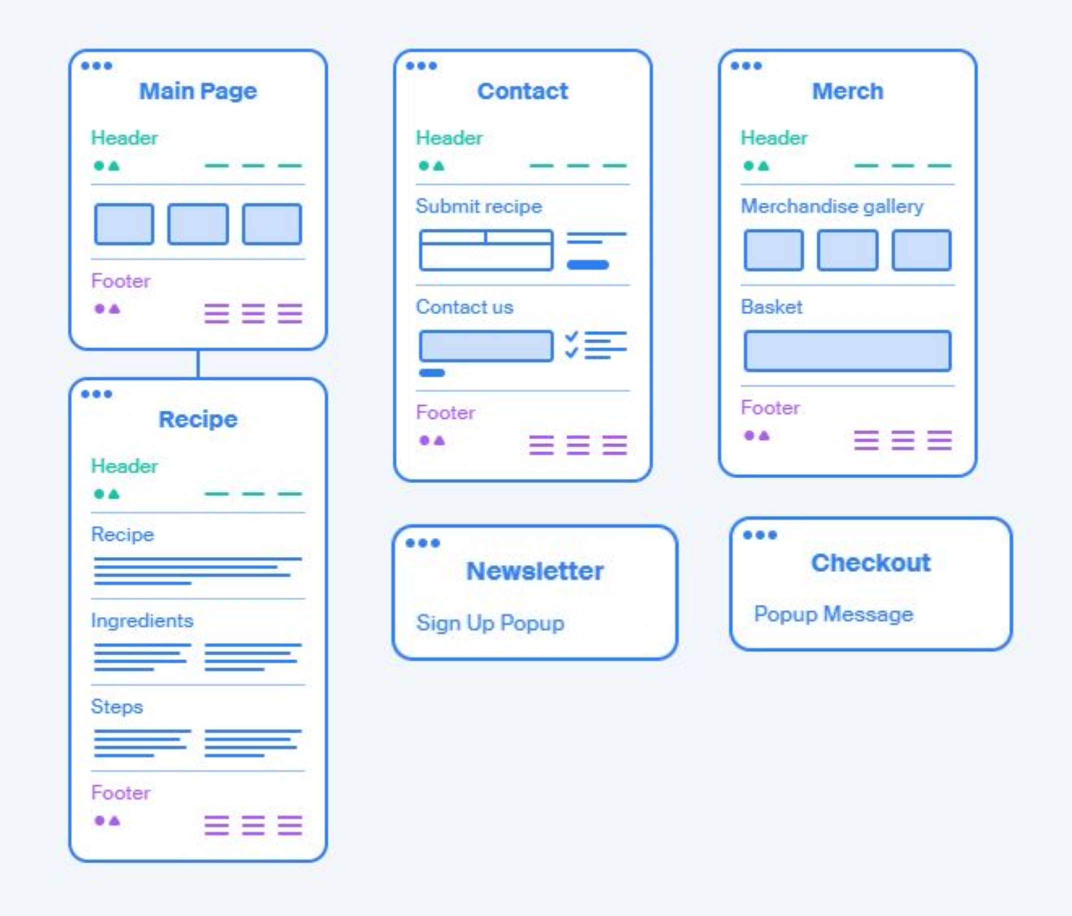
Filter recipes based in the search and displays only the matching recipes

Contact and Merchandise Links

Allows users to reach out, submit their own recipe and image or purchase related products

Clear and consistent navigation panel

Sitemap

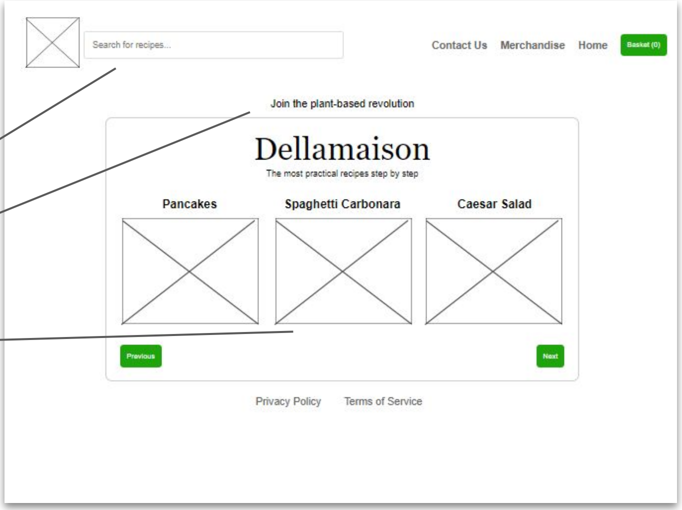

Main Page
Header
Footer
Recipe
Header
Recipe
Ingredients
Steps
Footer
Contact
Header
Submit recipe
Contact us
Footer
Merch
Header
Merchandise gallery
Basket
Footer
Newsletter
Sign Up Popup
Checkout
Popup Message

Wireframes

Filter - Search Box

Slideshow - Main page

Clickable Gallery - Previous / Next



Join the plant-based revolution

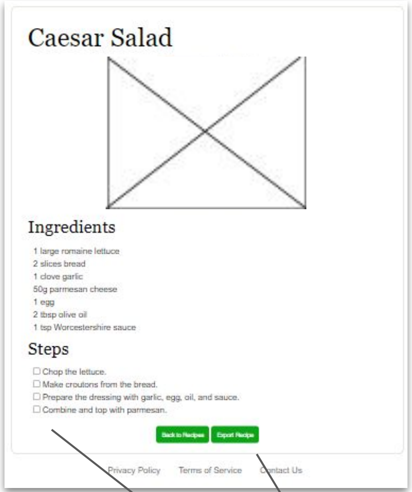
Dellamaison

The most practical recipes step by step

Pancakes

Spaghetti Carbonara

Caesar Salad



Caesar Salad

Ingredients

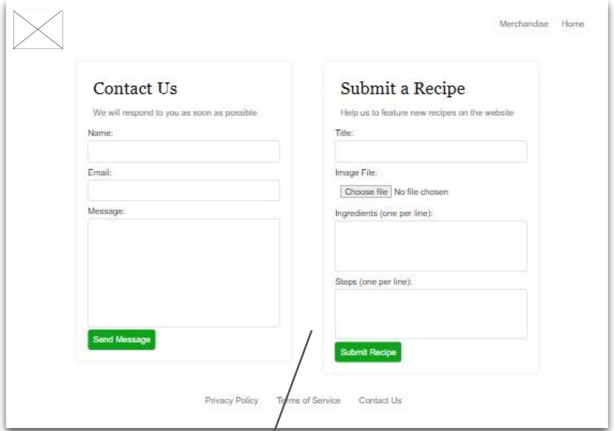
1 large romaine lettuce
2 slices bread
1 clove garlic
50g parmesan cheese
1 egg
2 tbsp olive oil
1 tsp Worcestershire sauce

Steps

- □ Chop the lettuce.
- □ Make croutons from the bread.
- □ Prepare the dressing with garlic, egg, oil, and sauce.
- □ Combine and top with parmesan.

Checkboxes

Export recipe



Contact Us

We will respond to you as soon as possible

Name:

Email:

Message:

Submit a Recipe

Help us to feature new recipes on the website

Title:

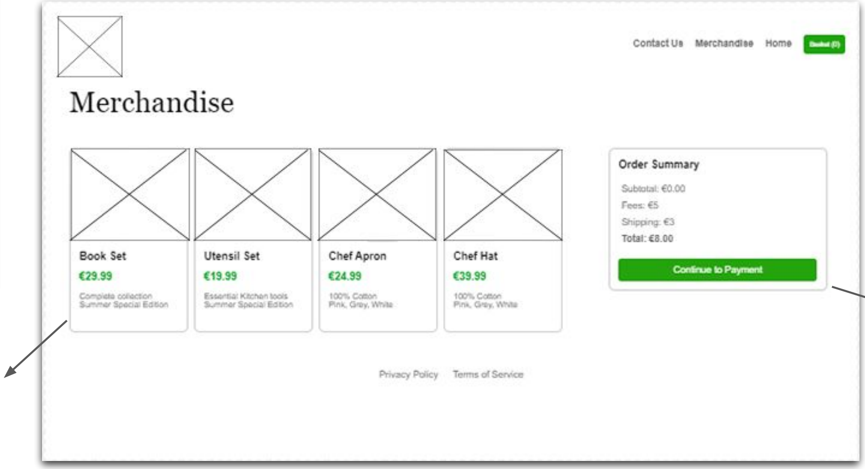
Image File:

No file chosen

Ingredients (one per line):

Steps (one per line):

Input formulary
Parameters



Merchandise

Book Set
€29.99
Complete collection
Summer Special Edition

Utensil Set
€19.99
Essential Kitchen tools
Summer Special Edition

Chef Apron
€24.99
100% Cotton
Pink, Grey, White

Chef Hat
€39.99
100% Cotton
Pink, Grey, White

Order Summary

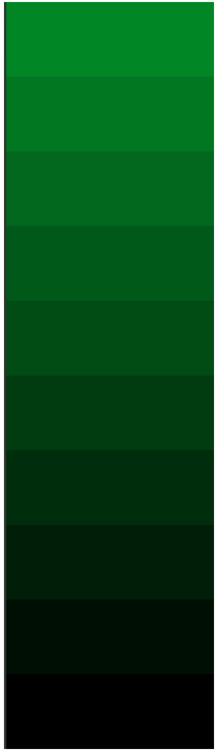
Subtotal: €0.00
Fees: €5
Shipping: €3
Total: €8.00

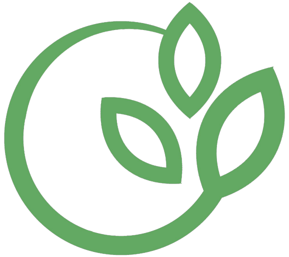
Add to basket
Clickable
items

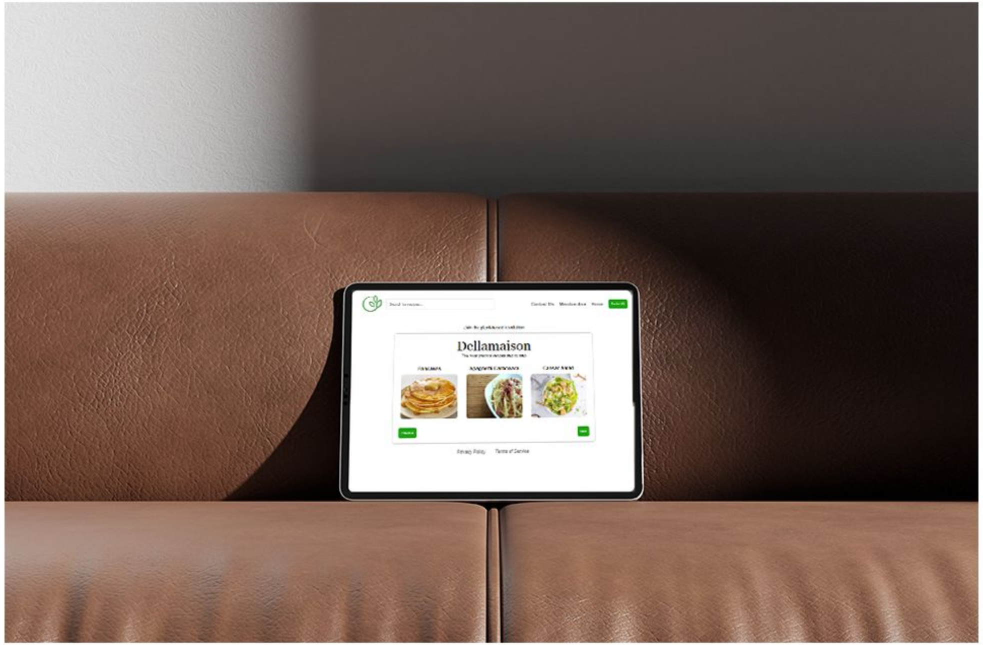
Checkout box

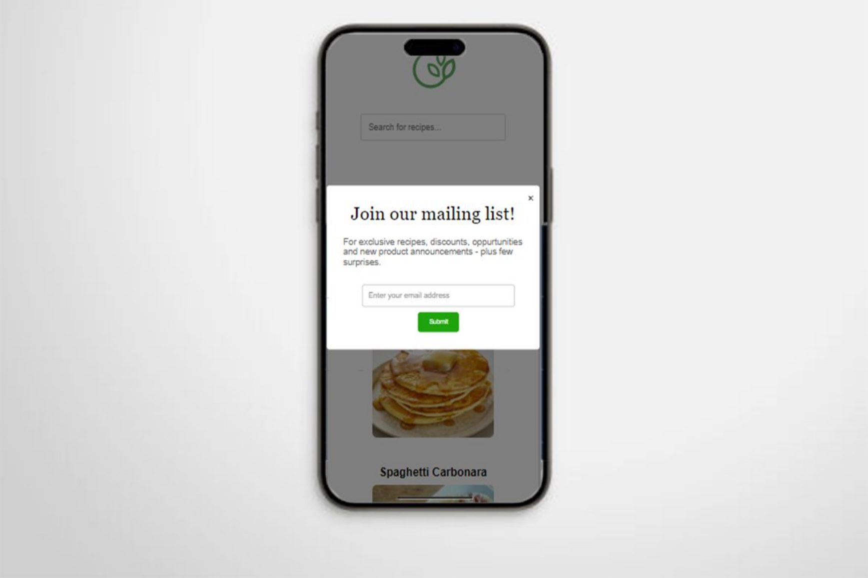
Summary calculations
Remove item from list

Palette, Logo and Mockups



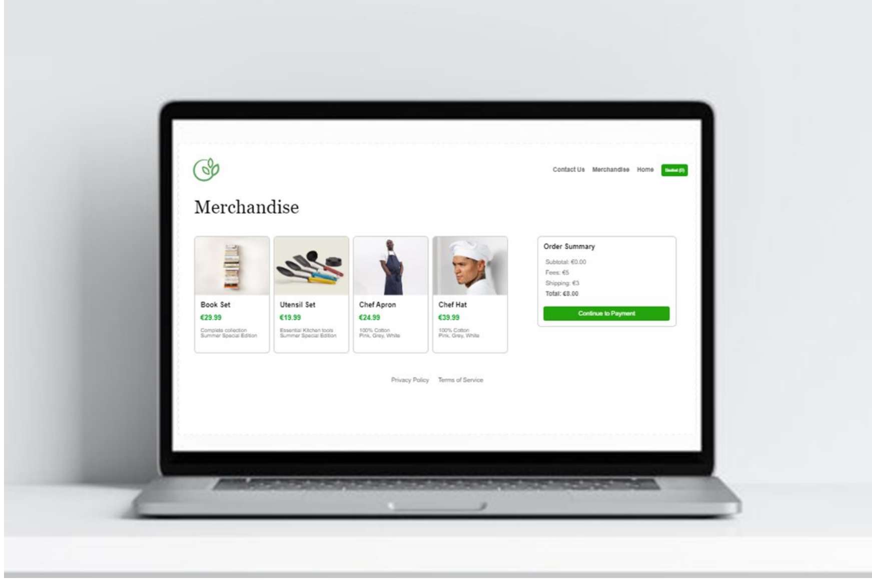






Join our mailing list!

For exclusive recipes, discounts, oppurtunities and new product announcements - plus few surprises.



Merchandise

Book Set	Utensil Set	Chef Apron	Chef Hat
€29.99	€19.99	€24.99	€39.99
Complete collection Summer Special Edition	Essential Kitchen tools Summer Special Edition	100% Cotton Pink, Grey, White	100% Cotton Pink, Grey, White

Order Summary

Subtotal: €0.00
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Main page: Search Bar, Gallery & Recipe Page

When the page loads, the *RecipeManager* is initialized, and the first set of recipes (3 recipes) is displayed in the gallery.

The user can navigate through the recipes using the "Previous" and "Next" buttons.

A slideshow on top changes a slogan message each 6 seconds.

If the user types in the search bar, the *filterRecipes* function is triggered, updating the displayed recipes based on the search term. No results show a message.

When a user clicks "View Recipe" on a recipe item, the *showRecipeDetails* function is called, which redirects the user to a detailed view of the selected recipe on a new HTML page, with functions to click steps and a button to export recipe.

A modal box is called to appear 3 seconds after the page is loaded.

Interactivity and functionality using Javascript code

Interactive aspects implemented:

- Forms for input and submission
- Clickable gallery
- Transitions
- Popup modal boxes
- Basket interactions

JavaScript implementations:

- Handling form submissions and validations
- Image gallery and details rendering
- Popup modal interactions
- Basket item management

Event listeners used:

- Form submission handling
- Button click events for showing modals and adding/removing items from the basket
- Slideshow transitions
- Document loading events to initialize features

Validation implemented:

- Email validation in the newsletter form

DOM Manipulation examples:

- Updating recipe details dynamically
- Creating and appending basket items
- Showing and hiding modals

Graphical elements implemented:

- Forms for input (e.g., newsletter form)
- Image gallery
- Sliders for messages
- Basket with item images and details

Development Testing, Debugging Notes & Challenges:

Website hosted and tested, responsive in all devices. Previous changes in GitHub

GitHub Pages updated from a HTML and CSS website to include JS upgrades in functionality and interactive design

Checkboxes are pre-checked based on the saved state in localStorage

Basket item counter is set on (0), added *localStorage* so the basket will persist even after the user refreshes the page or navigates away and comes back

Link to Github

Dellamaison | Home Page

Resources used for this project:

- Chat GPT
- Meta AI
- Gemini
- Figma
- Octopus
- MDN Web Docs
- W3Schools
- Stack Overflow

https://dribbble.com/illotv

https://dribbble.com/samalfaro