

Technical report of project Bio & Health

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1 Introduction

We chose this project because we believe e-shops are a very important type of website, especially in the aftermath of the pandemic. We are also all passionate about nutrition and organic products. Additionally, we feel that gaining the experience of creating a website for an e-shop is very useful in the current market and will help us in our careers. As stated in this 2008 paper, organic products use is projected to continue growing until at least 2025 and we felt this was a good opportunity to capitalise on the market's growth.

2 Technologies to be used

Below is the list of technologies that will be used to build the site:

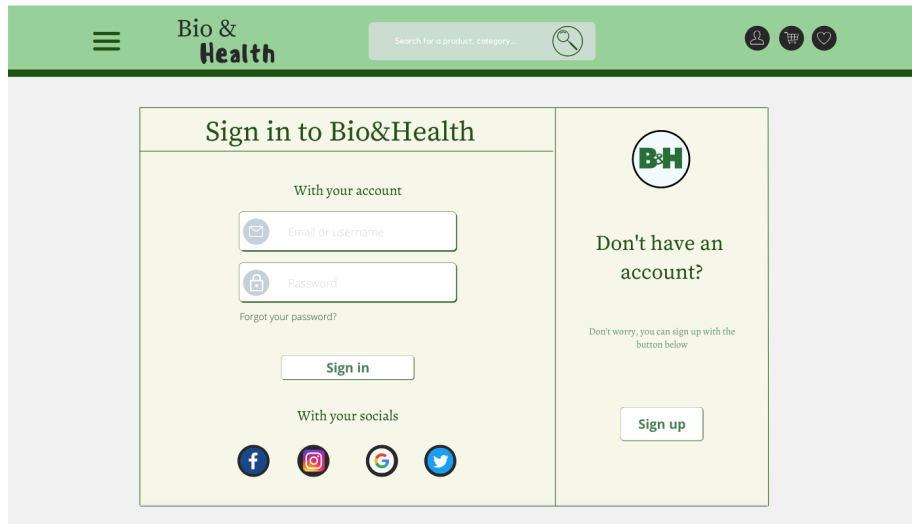
1. Html: frontend
2. Css: frontend
3. JavaScript: frontend
4. Php: backend
5. MySql: database
6. Xampp: apache server

3 Mockups

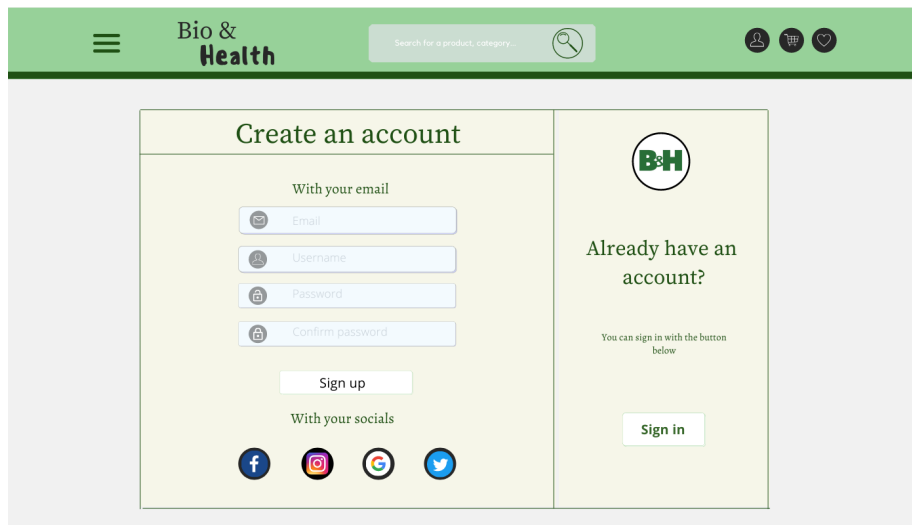
3.1 Sign in/up page

The user will be able to sign in to the site or create an account. In order to sign in the user's email or username and password will be necessary or a google, facebook, twitter or instagram account. When creating an account, the necessary

credentials provided are the user's email address, a unique username and a password. Alternatively, a new account can be bound to the user's existing google, facebook, twitter or instagram account, provided that social media account is not already tied to another site account.



The image shows the 'Sign in to Bio&Health' page. The header is green with a hamburger menu, the site name 'Bio & Health', a search bar, and user icons. The main content area is divided into two columns. The left column, titled 'Sign in to Bio&Health', contains a 'With your account' section with fields for 'Email or username' and 'Password', a 'Forgot your password?' link, and a 'Sign in' button. Below this is a 'With your socials' section with icons for Facebook, Instagram, Google, and Twitter. The right column features the 'B:H' logo, the text 'Don't have an account?', a note 'Don't worry, you can sign up with the button below', and a 'Sign up' button.

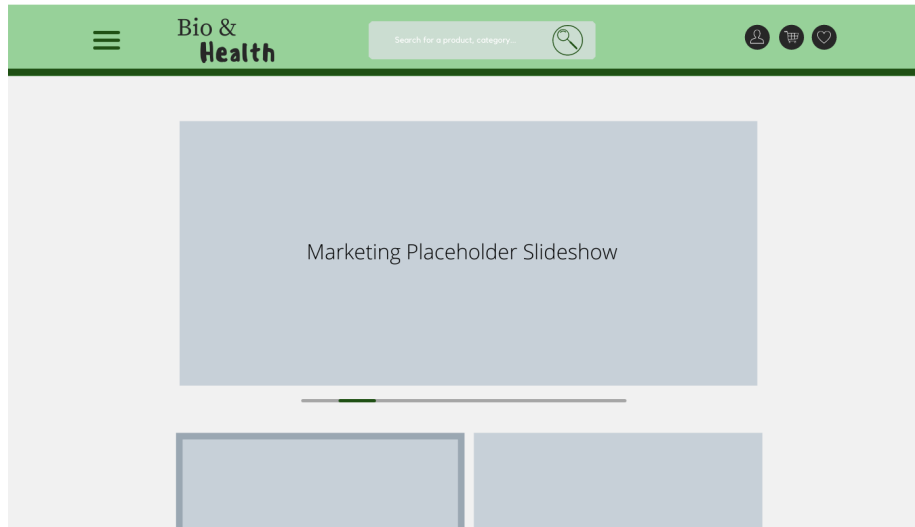


The image shows the 'Create an account' page. The header is identical to the sign-in page. The main content area is divided into two columns. The left column, titled 'Create an account', contains a 'With your email' section with fields for 'Email', 'Username', 'Password', and 'Confirm password', followed by a 'Sign up' button. Below this is a 'With your socials' section with icons for Facebook, Instagram, Google, and Twitter. The right column features the 'B:H' logo, the text 'Already have an account?', a note 'You can sign in with the button below', and a 'Sign in' button.

3.2 Consumer home page

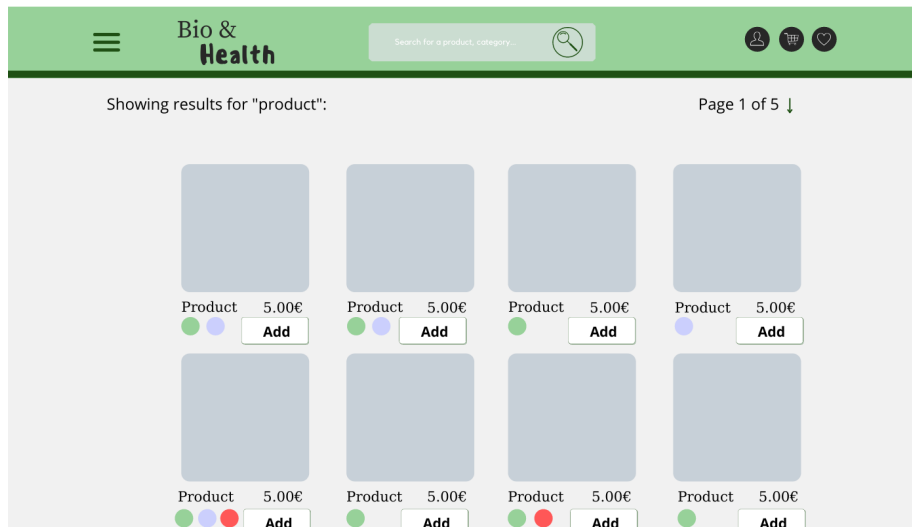
The home page the consumer sees. By pressing the top left button with the three lines a drop down menu will appear from which they can pick an option/action.

The first mockup that follows is of the top part of the home page while the second one is of the second part of the page.



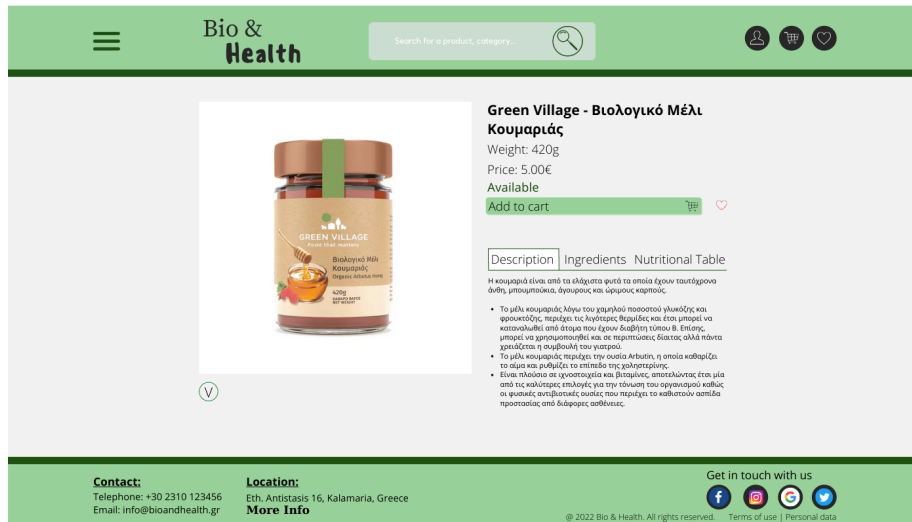
3.3 Search page

The search page that presents the results found to the consumer. The circles represent different categories of products (eg vegan, gluten free etc).



3.4 Product info page

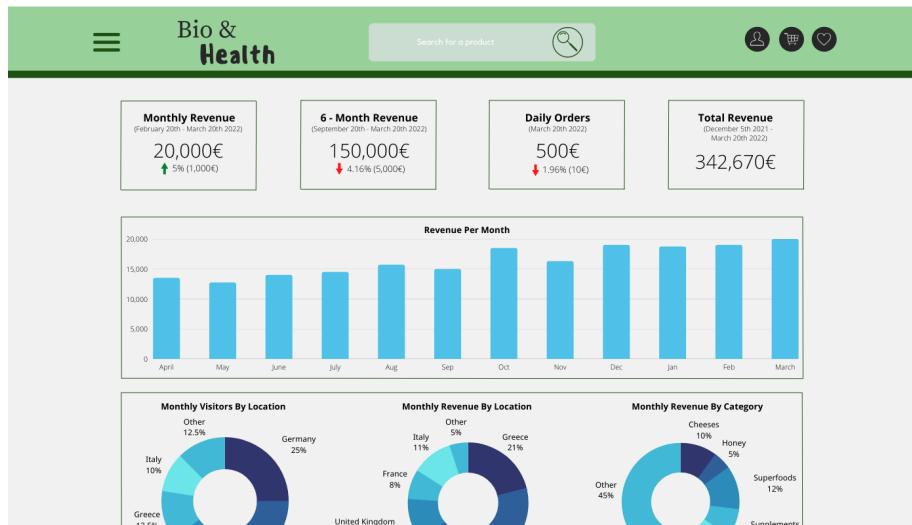
The page that displays the selected product's description, ingredients and nutritional table. The consumer can add the product to their wishlist or cart from this page.



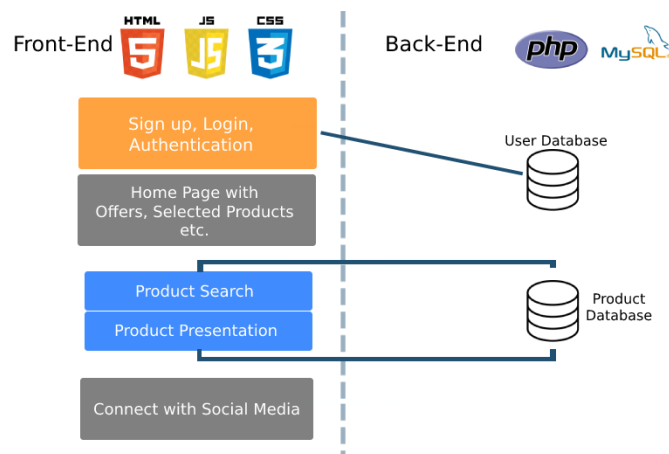
3.5 Admin home page

The page that displays the shop's financial and performance statistics as well as allows the admin to control the shop's products and perform other administra-

tive tasks using the drop down menu which opens by pressing the three lines displayed at the top left of the page.



4 Architecture Diagram



5 Next steps

Next we will start developing the frontend of the site using Html, Css and Javascript. We will create the frontend design of the website before moving on to the backend which we will create using Php and MySql.