Technical report of project Bio & Health

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# Introduction

This is the second part of our 3-part project. In this stage we completed the front-end side of our website. The technologies that were used were HTML, CSS, JavaScript and Bootstrap to help us make the website responsive. In this report, a quick description of each page of our website will be given, describing each page’s main functions, our thought process and what remains to be done in the third part, in which we will develop the back-end for our site.

# Front End

## Navbar

The header is included in every file of our website. It provides some quick navigation shortcuts to the user and some links to pages related to the user’s account.

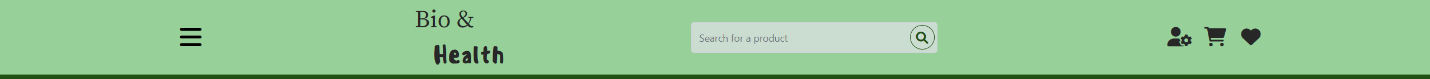
First, it contains a “burger” menu which, when clicked, reveals a list of links for every product category in our store. When the user clicks one of these links, he will be transferred to a different page which will display all the products of the selected category.

Then we have the Bio&Health logo. It is a link which acts as a home page button.

After that, there is a search bar. The user can type in the product he is looking for, or keywords related to what he is looking for, and he will be transferred to a different page with the results, depending on what he typed.

In the end, there are 3 icons, the “account” icon, the “cart” icon, and the “favorites” icon. The account icon contains a dropdown menu, with links that provide the way for the user to sign in or create a new account, or (if he is already signed in) to edit his account information and log out. The cart icon opens the cartpage.html file, which displays the products that the user has added to his cart and the favorite icon opens the favorites.html file which displays the products that the user has added to his favorites.

To create the header, we used plain CSS and Bootstrap for the layout and some utilities.



## Footer

It is also included in every page and is located at the bottom of it. It contains some general information about the store and several ways of contact.

The first section under the “Contact” heading has some contact information along with the link “contact form” which takes the user to the contactForm.html page in which he can write a message to the administrator.

The second section contains some location information for our store and the last section contains links for our social media accounts. The icons both in the header and the footer are taken from [font awesome](https://fontawesome.com/) and so are all the other icons used in any page.

To structure the footer and make it responsive, we used the Bootstrap grid layout (classes row and col)



## Index.html

The home page of our website. It contains various links and media content for the user.

This is the index page of our website. It is the page that a visitor is first directed to and contains various links and media for the user. This page, like all the web pages of our website contains a header and a footer. In the main body of the index page, we have a carousel with 5 slides, that is currently showing placeholder images and text, but will contain some representative content for different parts of our website and will link to them, once we move on to the backend of our project and have a database of products. This will give those parts of our web site more visibility and will provide easier navigation for the user. Below the carousel, we have added a grid with six anchor images that present our product categories to the visitor. Those are Dairy, Vegan, Fruits, Vegetables, Sugar Free and Gluten Free. Below that we have a grid of 2 columns, one that has an image anchor that will lead to our e-shop’s offers, and one column that has 2 image anchors, one that leads to a page that shows the new products that have been added to our e-shop, and one that leads to UserMoreInfo.html that contains useful information about our website, our e-shop and our products.

Εικόνα που περιέχει κείμενο, χλόη, υπαίθριος, στιγμιότυπο οθόνης

Περιγραφή που δημιουργήθηκε αυτόματα

### **Carousel**

We have used a bootstrap carousel. In our HTML document, we have created a carousel that has slide indicators, buttons to cycle through the slides and labels for each slide. For now, we only have placeholder images and text for our carousel, but, as mentioned before, we’re going to add real data to it once we work on the back-end of our project. Finally, there is a small JS script at the bottom of our HTML document, that is responsible for making the carousel change slides on it’s own after a certain interval (4 seconds).

Εικόνα που περιέχει κείμενο, διαφορετικός, στιγμιότυπο οθόνης, αρκετά

Περιγραφή που δημιουργήθηκε αυτόματα

### **Category Grid**

We have a 2 x 3 grid, of image anchors, that each represents one of our product categories. All of the anchors currently lead to the searchpage.html, but when we work on the backend of our project and have a working database of products, the search page will be functional and each anchor will lead to a dynamically created searchpage, only showing products of the chosen category (i.e., vegan).

Graphical user interface, website

Description automatically generated

### **Image Grid**

Finally, we have a 2 column grid, with the first one containing an image anchor that leads to the searchpage.html, and the second one containing two images leading to the searchpage.html and infopage.html respectively.

The first image is labeled “Offers” and leads you to the searchpage.html, where it is supposed to only show the products that are on offer. The Second image labeled “New Products” leads to the searchpage.html as well and is supposed to show products that are newly added to the product catalogue. Both of them will be functional once we work on the backend and create a database of products. Finally, the image labeled “More Information” leads to the infopage.html. All of those images are placeholder images.

## AdminCart.html

## AddminEditProduct.html

Page in which the admis can edit the information of a product, in case something has changed, or they made a mistake.

Both the new product and edit product are structured using Bootstrap grid and flexbox.

Graphical user interface

Description automatically generated

## AdminIndex.html

## AdminNewProduct.html

In this page, the admins will be able to add a new product for the store by typing the required information in the form and submitting it. The page also contains a list of the product categories available and an option to add a new category.

Graphical user interface, application

Description automatically generated

## AdminPendingOrders.html

## AdminSearch.html

## AdminSignIn.html

## UserAccountInfo.html

In this page, the users can edit their account information. The input fields, when the back-end is complete, will display the information given by the user and they will then be able to change it by editing the fields and submitting the form.

The layout used for this page has mainly been flexbox.

Εικόνα που περιέχει πίνακας

Περιγραφή που δημιουργήθηκε αυτόματα

## UserCartPage.html

## UserCheckoutPage.html

## UserContactForm.html

This is the page where the user can fill a contact form and submit it to the administrators of the website/e-shop. The main section of the page contains a <form> element that the user can fill out. The form has fields for the user’s name, email address, a <select> element with various topics and a <textarea> element for the user’s message. Below those forms is a submit button, that once clicked sends the user the UserContactFormCompletionl.html page, but in the future (once we work on the backend of the project) will also send the information from the form to the backend using php.

Graphical user interface, text, application

Description automatically generated

## UserContactFormCompletion.html

This is the page where the user is redirected from UserContactForm.html after he submits a contact form. It is a simple webpage with a message to the user and an html <button> element, that redirects the user back to the homepage/index.html. The user can also use the header (or navbar) and the footer to navigate elsewhere on the website (i.e., click on the logo to return to the homepage).

Graphical user interface, text, application, email

Description automatically generated

## UserFavorites.html

The favorites page contains a table of the favorite products of the user, together with information about these products. For each one of the favorite products, the page shows the product’s name and its price. The layout of the page is created by using the table tag of HTML5 and tr and td tags to declare the rows and the content of all the cells of the table. Users can visit the favorites page when they click on the small heart shown on the right side of the navbar shown on all user pages.

Graphical user interface, application, PowerPoint

Description automatically generated

When the user clicks on the picture of a products, then the page containing detailed information about the program appears, as it is described in the UserProductInfo section of this report.

## UserMoreInfo.html

Graphical user interface, text, application, Word

Description automatically generated

This is the web page where the visitor can get information about our e-shop and our products. Like every other web page, it has a header and a footer. The page contains a grid of bootstrap rows and columns, with headers and paragraphs. Each Header is the title of a topic (i.e. About us, Local Producers etc.) and each paragraph is a Lorem Ipsum placeholder text. Each row ends with a <hr> so that a horizontal rule appears on the page to separate the each section, since it is a different topic.

## UserOrderCompletion.html

## UserProductInfo.html

The product information page contains detailed information about a product. Τhe information contains the product’s picture on the left side and other useful information about the product on the right side. For every product, the information depicted contains elements like the product’s name, the weight, and the price of the product, together with the description of the product.

The user can click the cart picture to add the product to the cart or the heart picture to add the product to the favorites or to remove it from the favorites list. The layout of the page was developed using the Bootstrap library.

Graphical user interface

Description automatically generated

## UserSearch.html

## UserSignIn.html

This page is where the users sign in. They type their credentials in the given form and submit it. They can also sign in using one of their social media accounts and they can go to the sign-up page by clicking the “Sign Up” button.

For the layout of both the Sign Up and Sign In pages, we used the Bootstrap grid, and flexbox.

Graphical user interface

Description automatically generated

## UserSignUp.html

This is where the user creates their account. It contains a form in which the users give their account credentials (email, username, and password) and submit it. There is also the option of creating an account using one of their social media accounts.

The users also have the option to go to the sign in page if they already have an account by clicking the “Sign In” button located in the right of the page.

Graphical user interface

Description automatically generated