

# Final Capstone Project

By Fredrik Tvingstedt

Hello everyone,

I'm excited to share my latest project with you all! 🍔🔧

The project is hosted on Vercel, a popular platform for deploying web applications. Vercel provides an excellent environment for running web apps with ease and scalability.

You can access the application by visiting the following link:

**<https://burgershop-fredriktvingstedt.vercel.app>**

For those who are curious to explore the inner workings of the project and see the code behind it, you can find the entire codebase on GitHub.

Here's the link to the GitHub repository: **<https://github.com/FredrikTvingstedt/BurgerShop>**.

Join me on a comprehensive tour of the application, where I'll delve into its exciting features, functionalities, and user experiences! Through detailed explanations and accompanied screenshots, you'll get an in-depth understanding of how the application works and how it enriches the user journey. Let's dive in and explore the magic behind the scenes!

## The Login Page

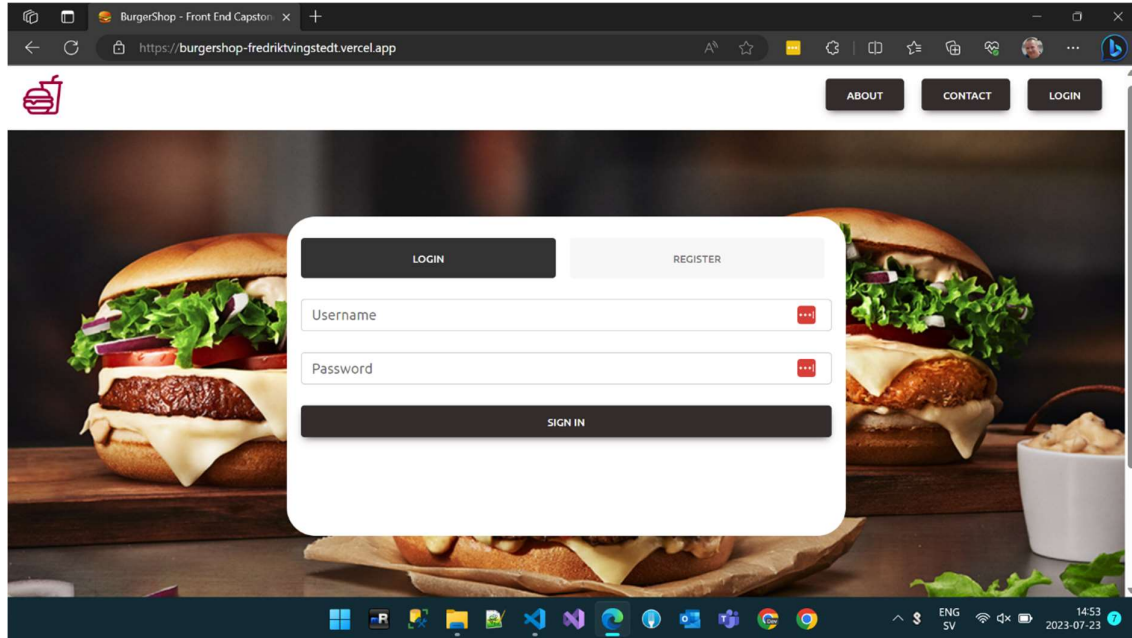
This is the first page the user comes to.

The user can choose to log in directly. If the user has an account.

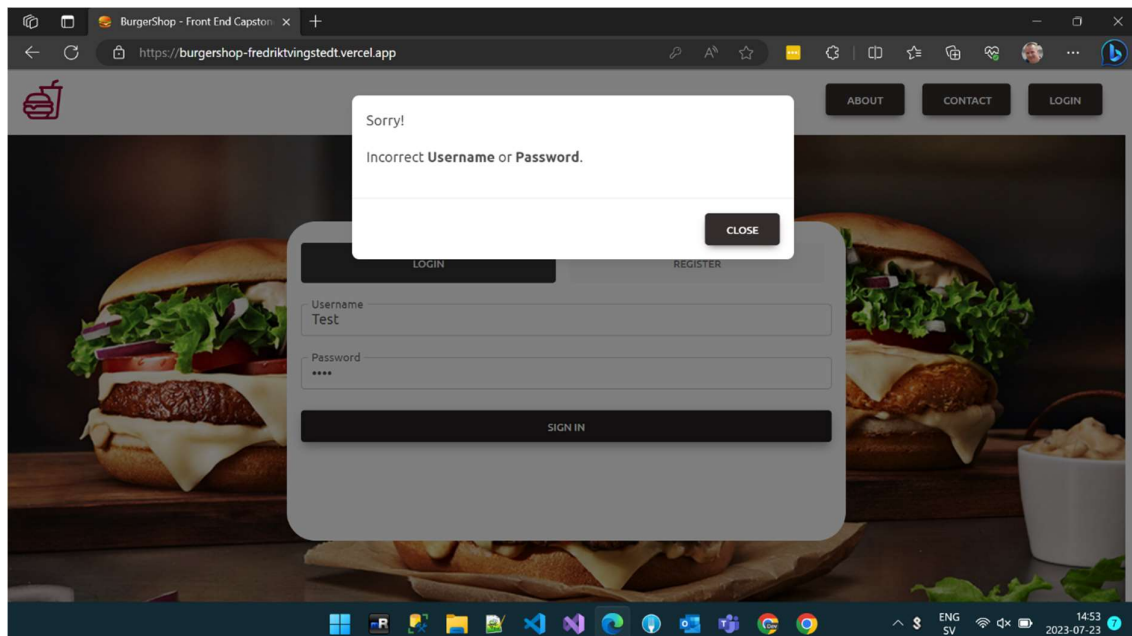
There are two different user accounts available for logging in:

Username: **Admin** // Password: **Password**

Username: **Guest** // Password: **Password**

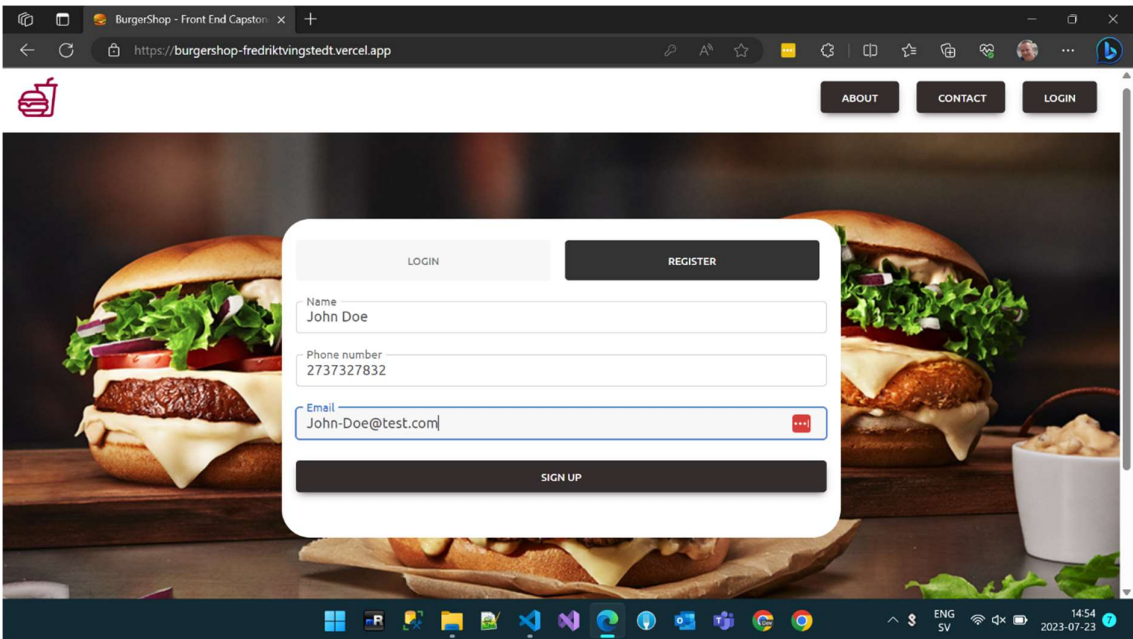


If the user enters an invalid username or password, a module pops up and informs the user.

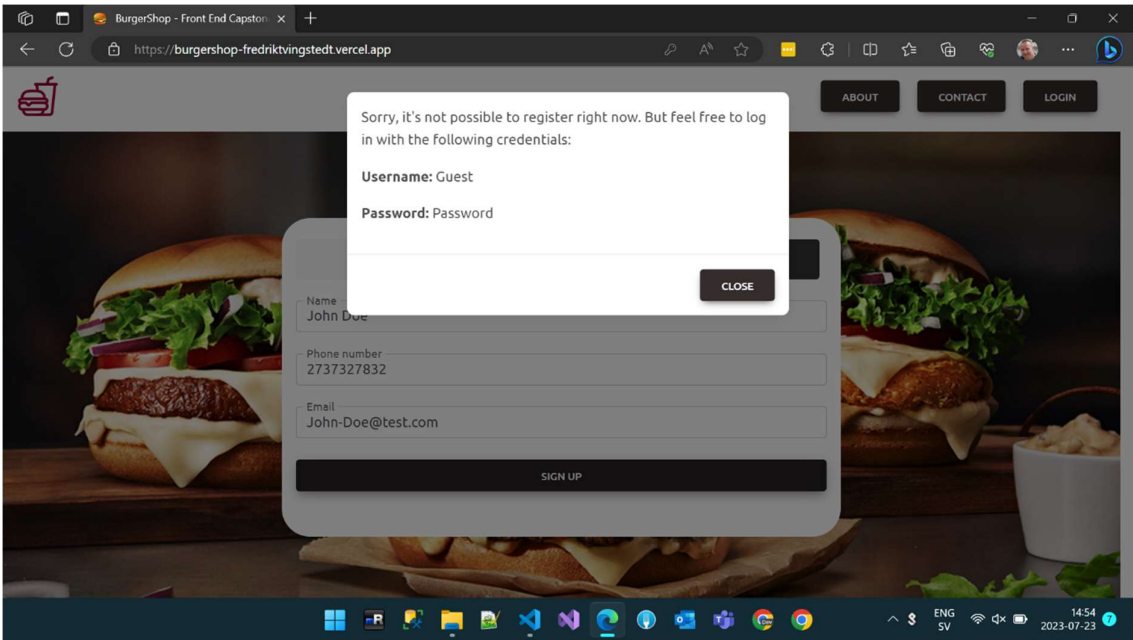


If the user does not have an account, it shall be possible in the future to create an account.

So far, the user cannot create a new account.

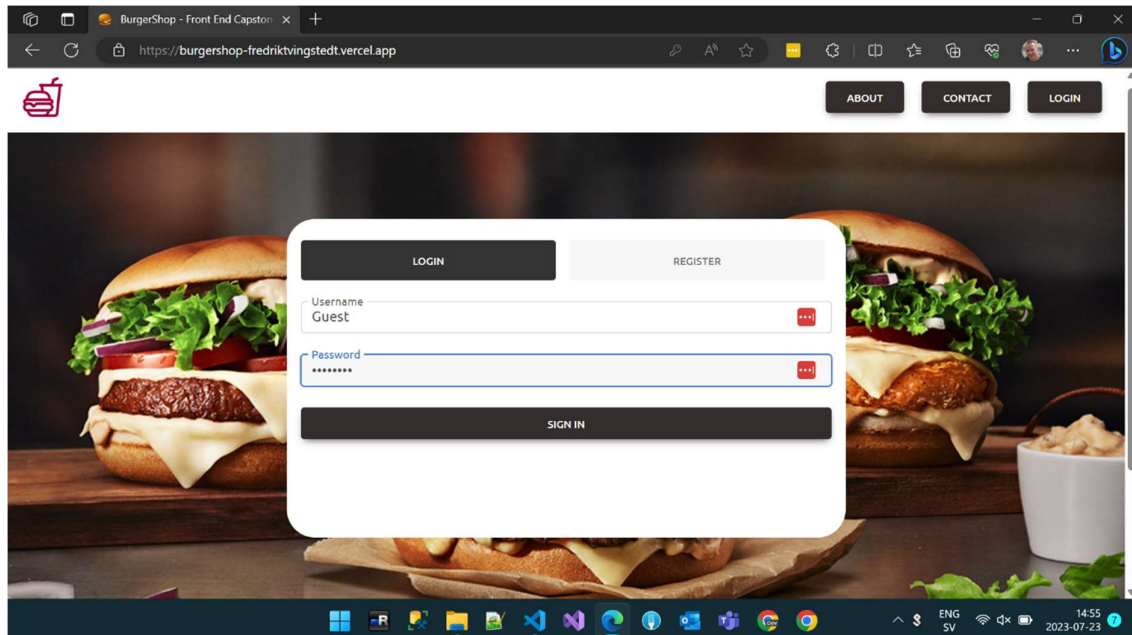


Currently when trying to create a new account, a module pops up and informs the user if it is not possible.



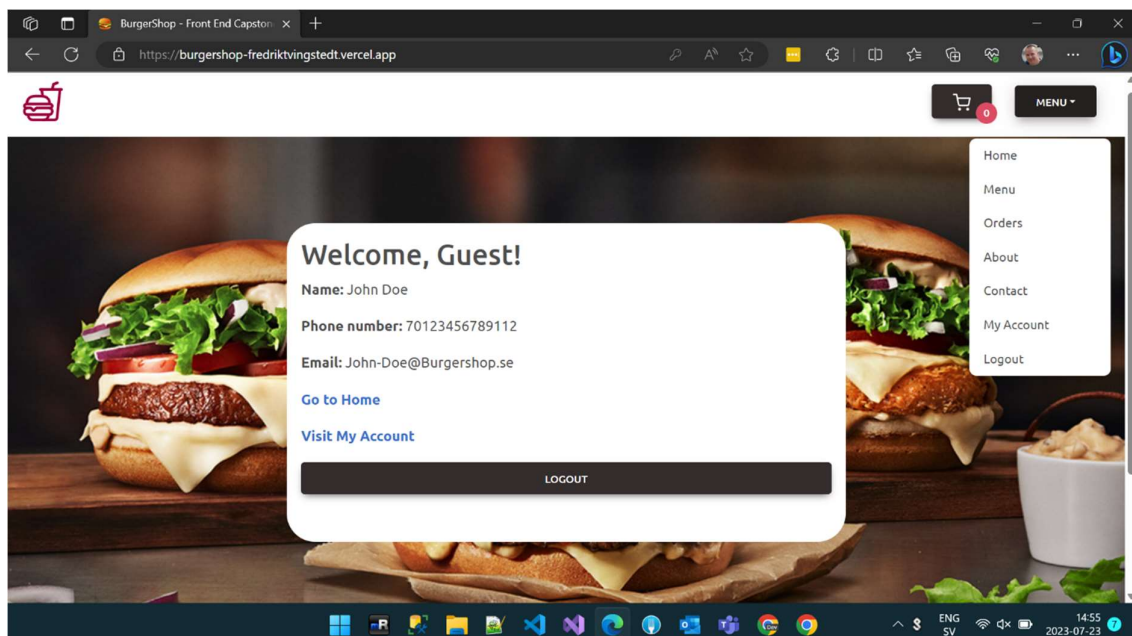
Before the user is logged in, the user can only see three different buttons in the header.

About, Contact and Login.



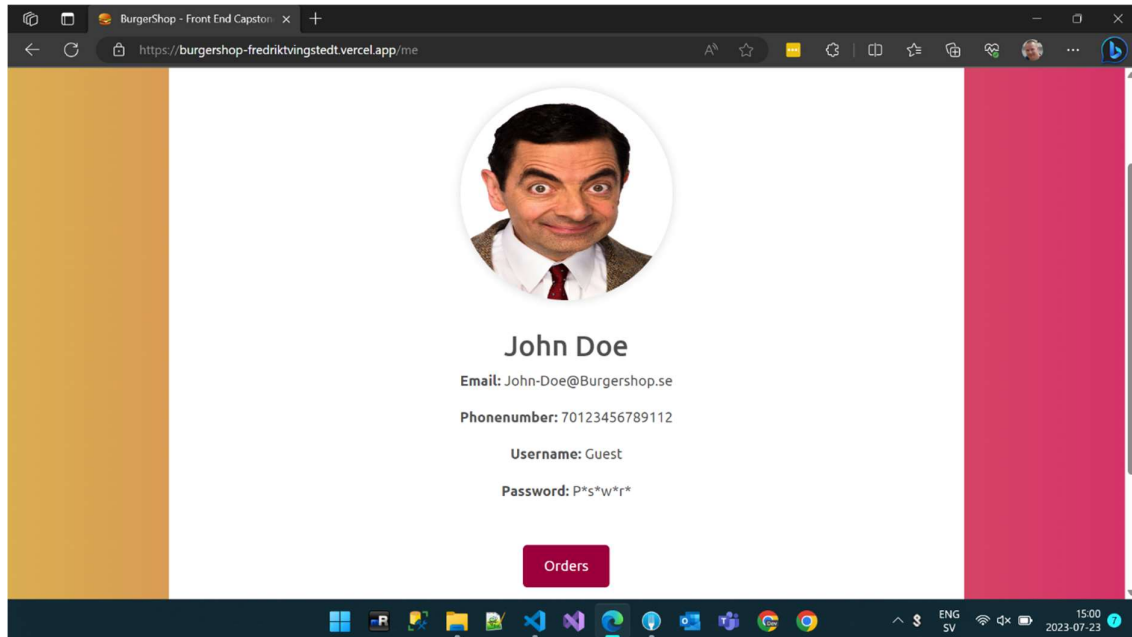
When the user logs in, they enter the logged-in mode. They are directed to a page displaying their personal information, such as their name and email. Additionally, there are links to 'Home' and 'My Account.'

The header of the page has also been modified, now featuring two buttons. One button leads to the shopping cart, where users can view their selected items. Adjacent to this button, there is a red information circle that indicates the number of different items present in the shopping cart. Another button named 'Menu' is available, providing links to all the various pages within the application.



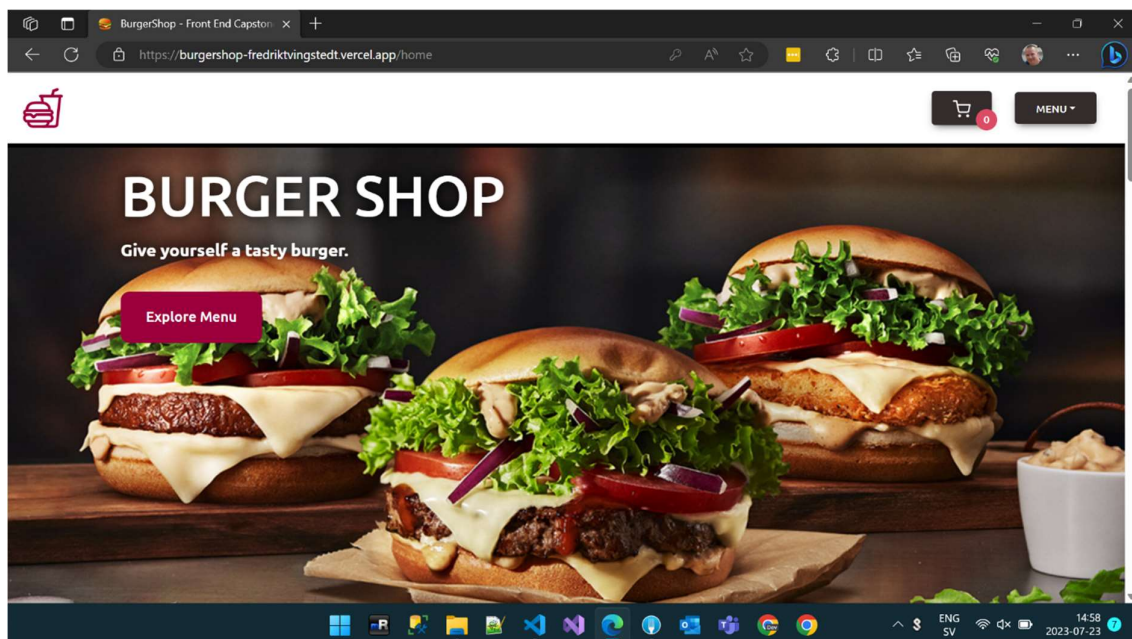
If the user clicks on "Visit My Account" on the login page or selects "My Account" from the menu, they will be directed to a profile page displaying detailed information about their account.

Additionally, there is an "Orders" button. Upon clicking this button, the user will be directed to a page where they can view all their past orders.



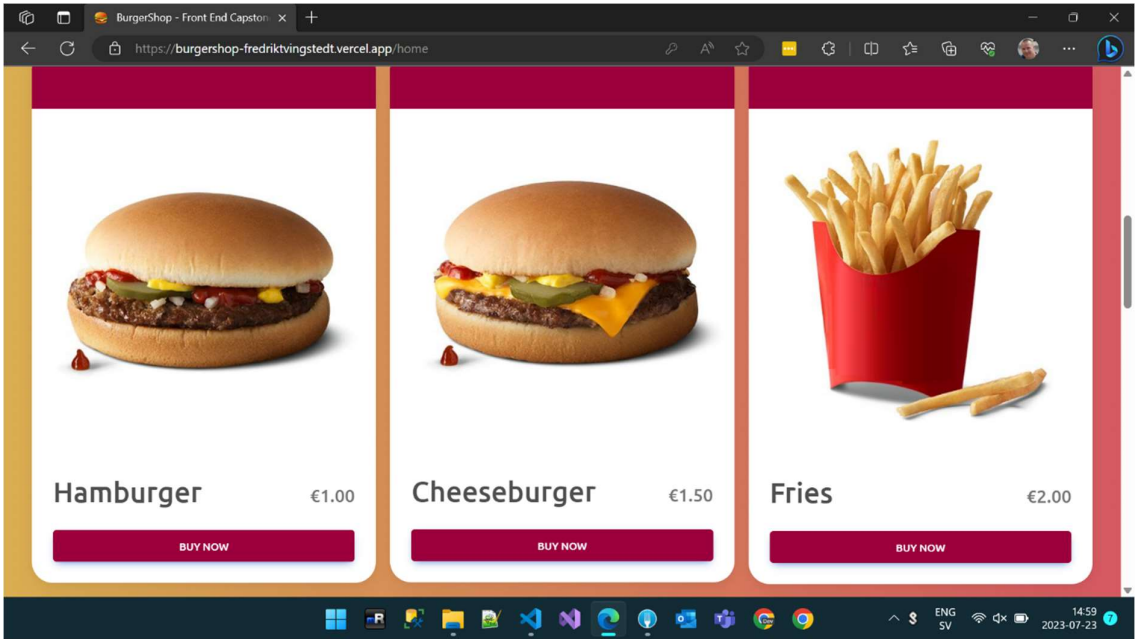
If the user navigates to the "Home" page either from the Login page or through the menu, they will be directed to the main homepage of the application.

The initial section features a "Home" section, comprising a headline and an "Explore Menu" button.

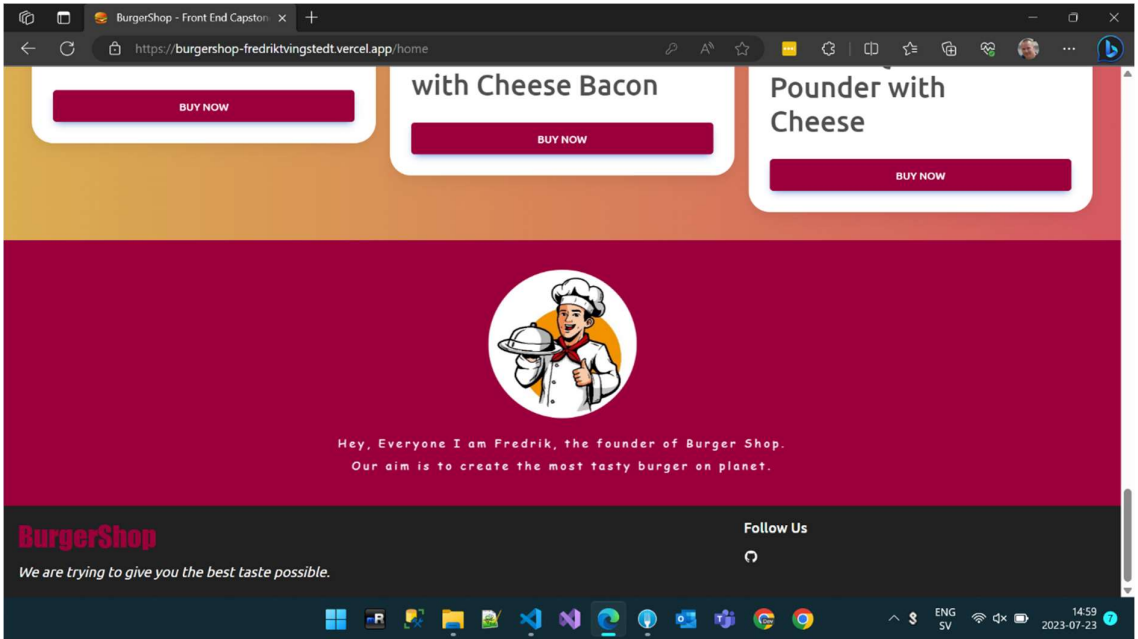




The second section includes the "Menu," displaying a comprehensive list of all the various items available for purchase.

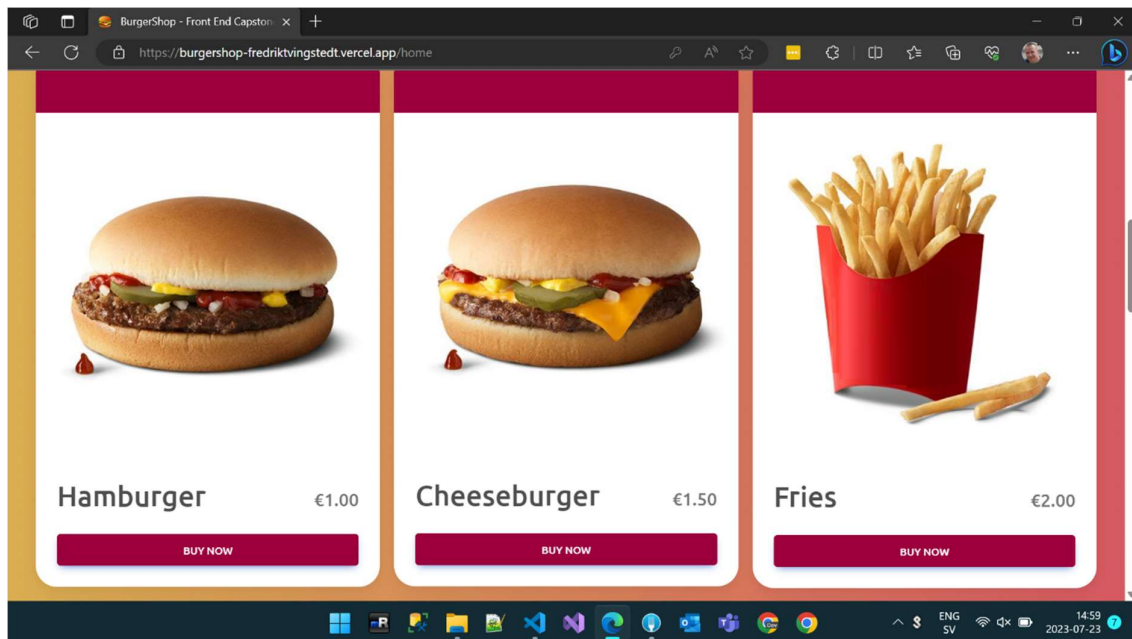


The third section is dedicated to the "Founder" page, providing a brief description of the founder of the website.

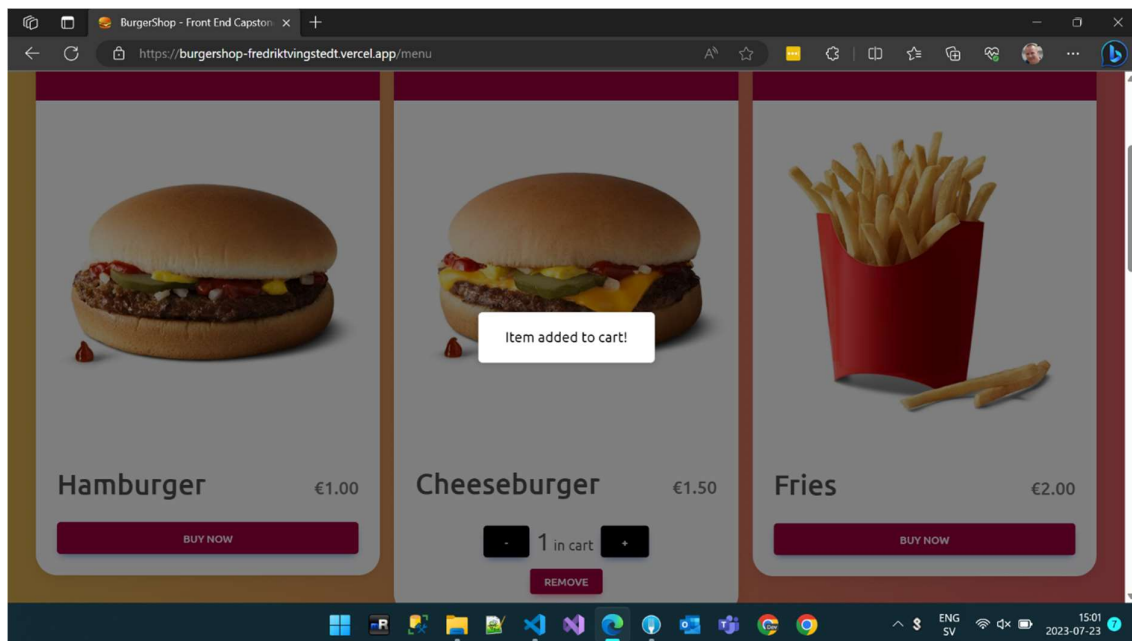


This is how the menu appears:

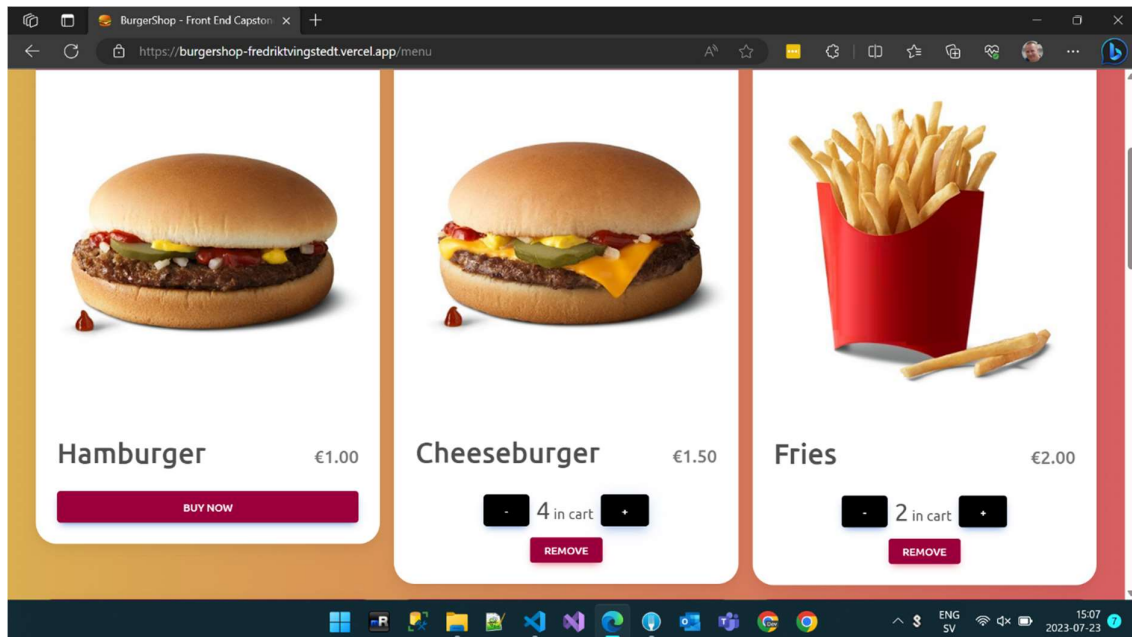
The menu displays a variety of options, and there is a specific button that allows users to add items directly to the shopping cart.



When you click on "Buy Now," a popup appears displaying the message "Item added to cart!" This confirms that the selected item has been successfully added to the shopping cart.



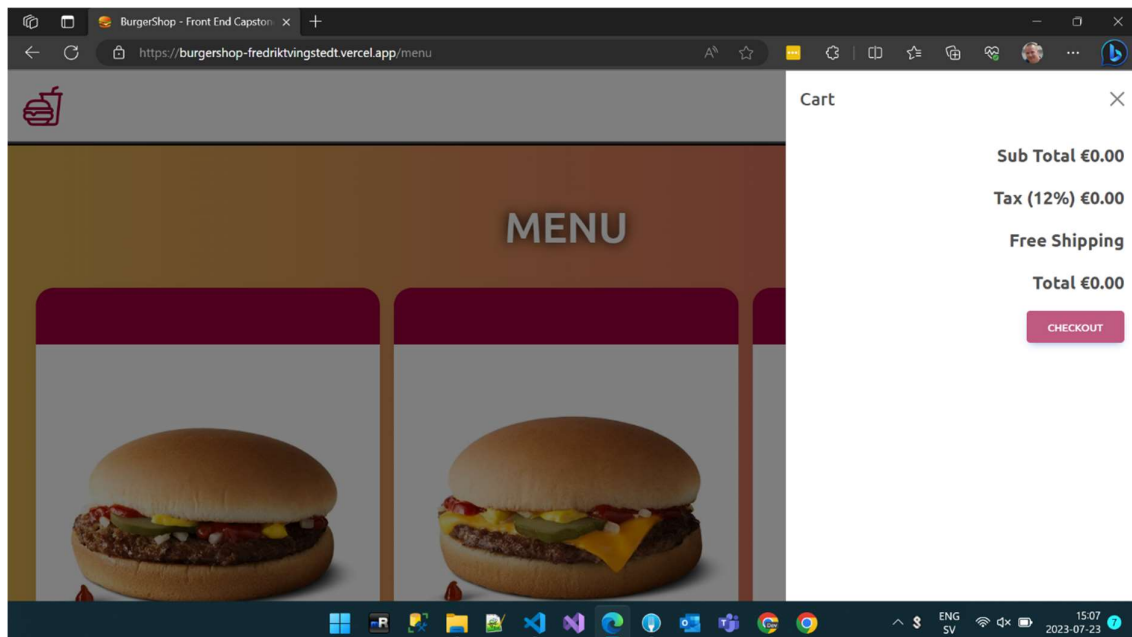
Furthermore, the user has the option to adjust the quantity of items by increasing or decreasing the number in the shopping cart. Additionally, they can choose to remove all items from the cart if desired.



If you visit the shopping cart, which can be found in the "header" section of the website.

If the user has not added any items to the cart, the shopping cart will appear as follows:

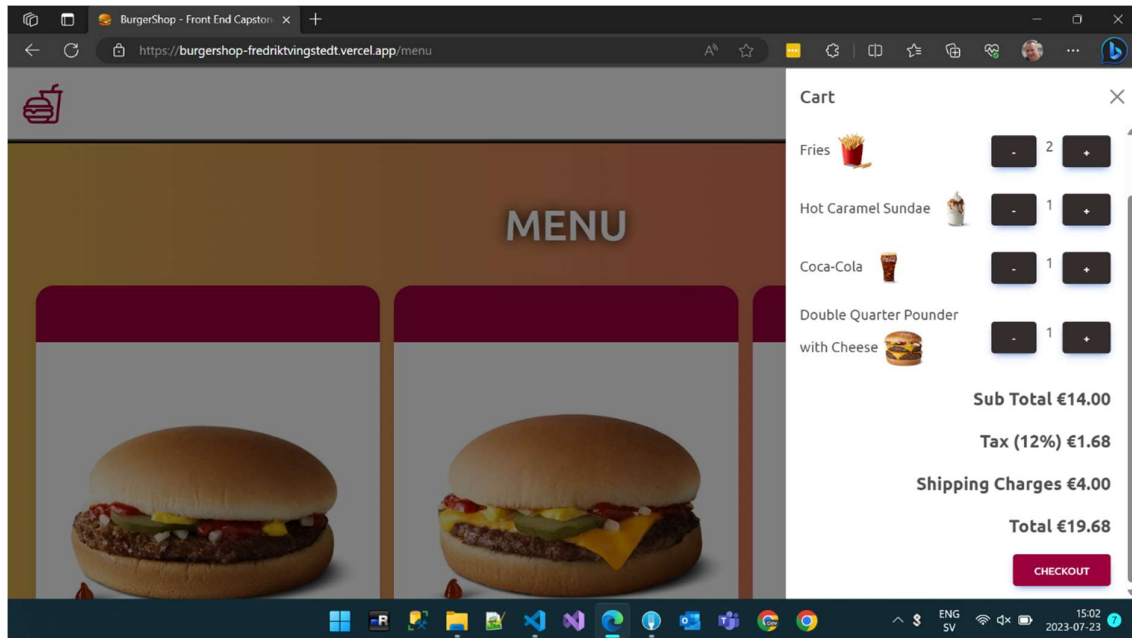
When the shopping cart is empty, you cannot press "Checkout".



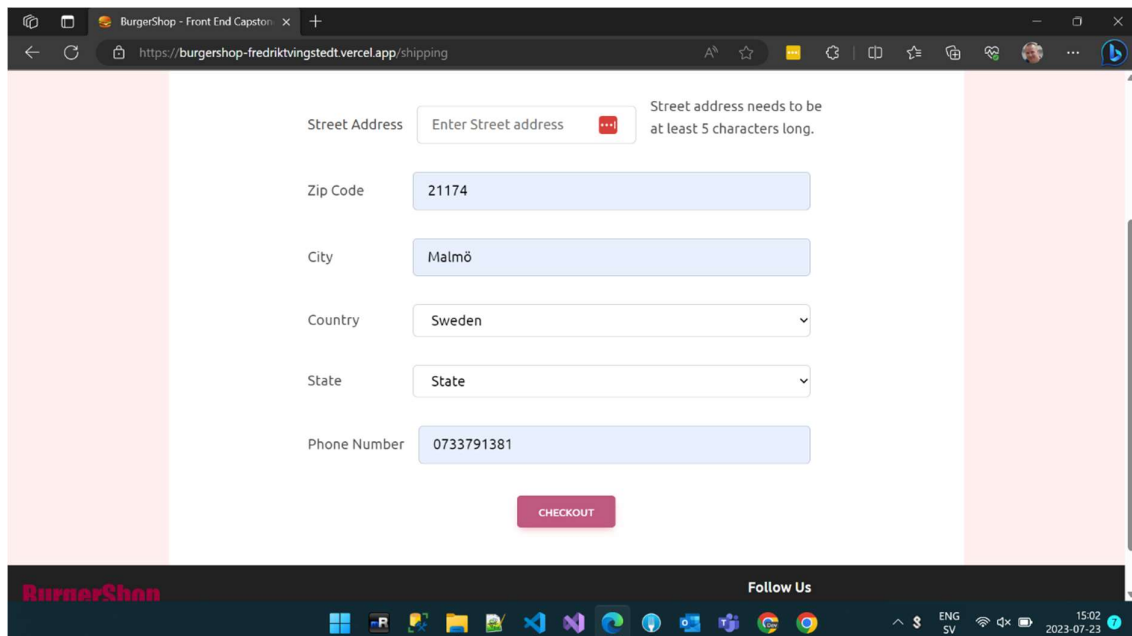


When the shopping cart contains items, they are visibly displayed along with the individual prices of each item. The total price, including shipping costs, is also shown. Notably, if the total price of the goods exceeds a specific threshold, shipping is free.

At this point, the user has the option to press the "Checkout" button, which will direct them to the "Shipping" page for further processing of their order.

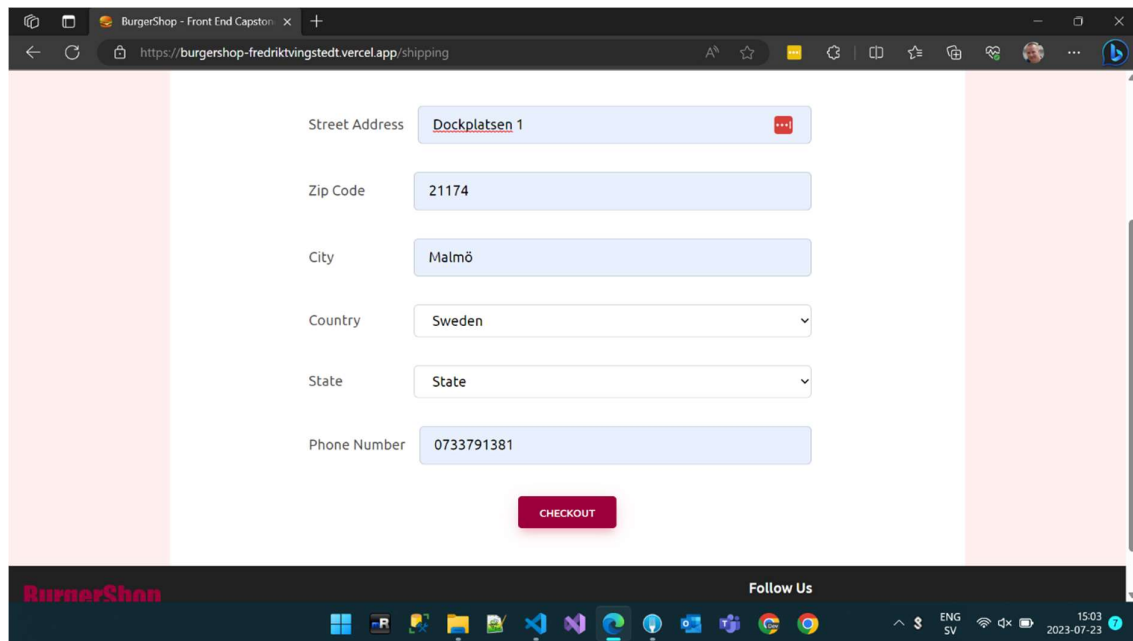


On the "Shipping" page, the user is required to input their delivery address for the order. To proceed to the "Checkout" process, all fields must be filled out accurately. The system performs validation checks to ensure that the information provided is correct and complete. If any required fields contain incorrect or incomplete data, the user will be prompted to make the necessary corrections before proceeding.



Once all the required information is filled in, the user can proceed by clicking on the "Checkout" button.

Upon clicking "Checkout," the user is redirected to the "My Orders" page, where they can view and track their orders. This page provides a summary of their current and past orders along with relevant details and status updates.

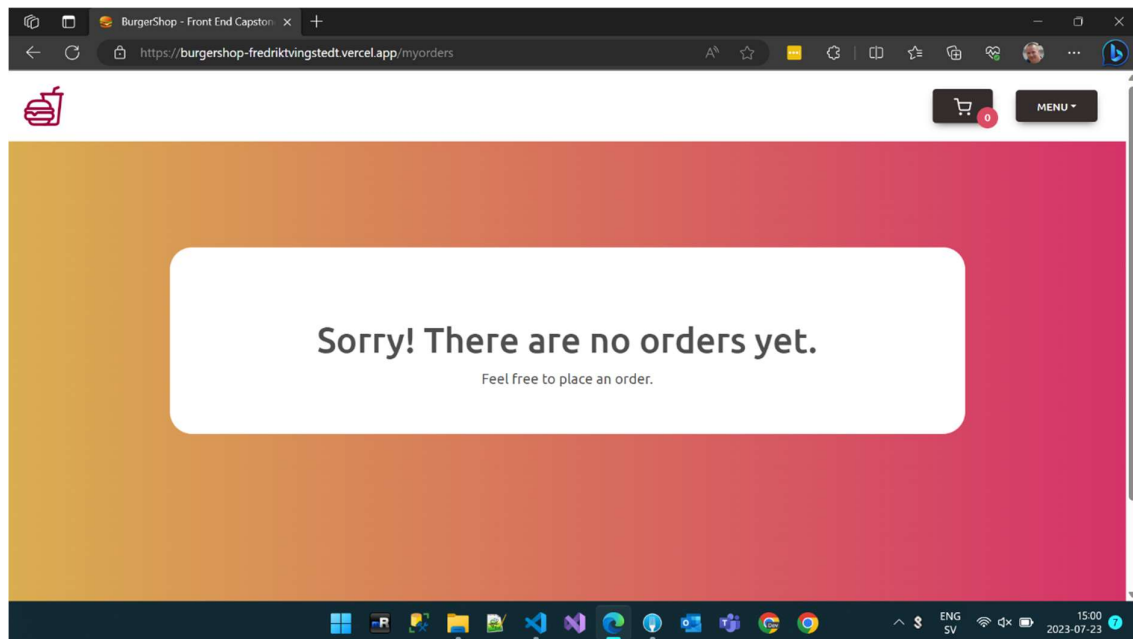


The screenshot shows a web browser window with the URL `https://burgershop-fredriktingstedt.vercel.app/shipping`. The page contains a shipping form with the following fields:

- Street Address:
- Zip Code:
- City:
- Country:
- State:
- Phone Number:

Below the form is a red button labeled "CHECKOUT". The footer of the page displays the "BurgerShop" logo, a "Follow Us" link, and a Windows taskbar at the bottom showing the time as 15:03 on 2023-07-23.

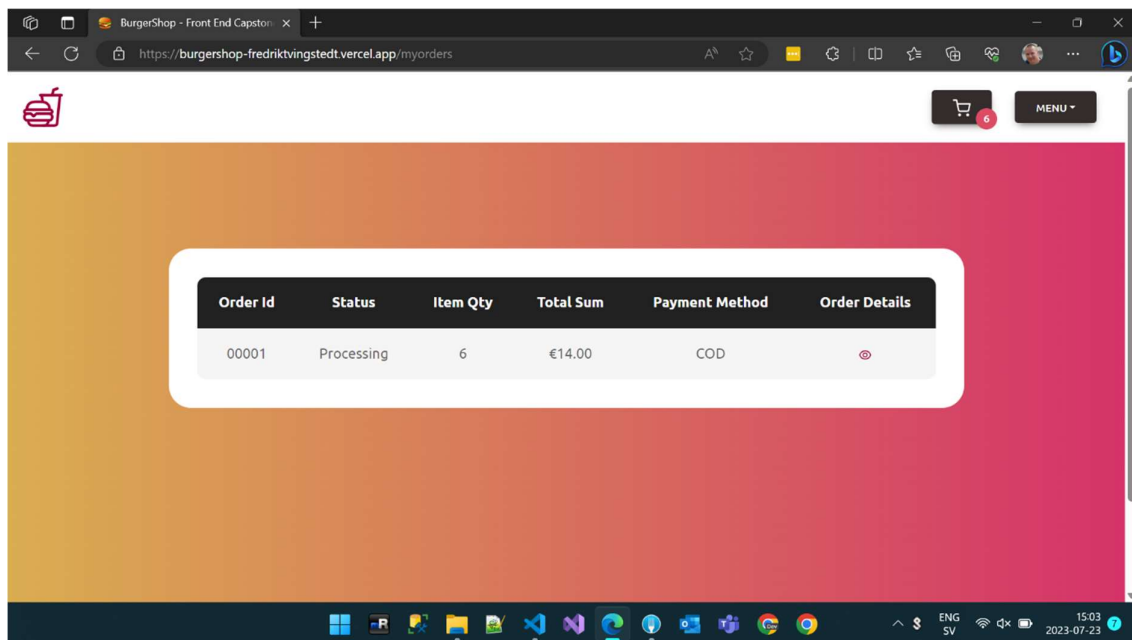
If the user has no previous orders or has not placed an order yet, the "My Orders" page will appear as follows:



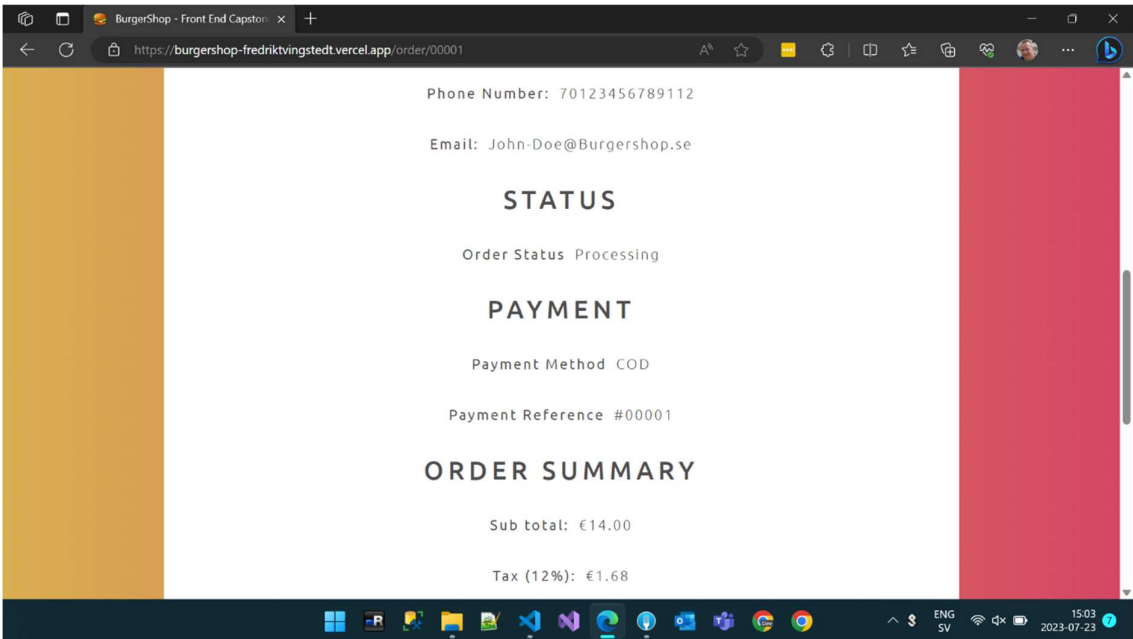
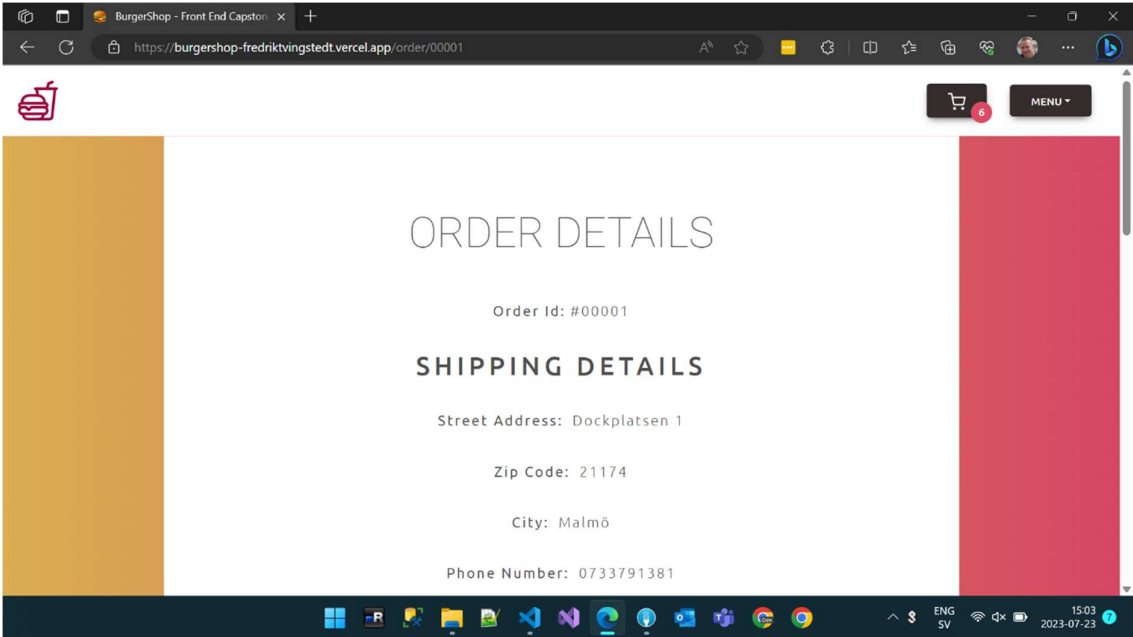
If, however, the user has placed an order, "My orders" will be displayed on the following:

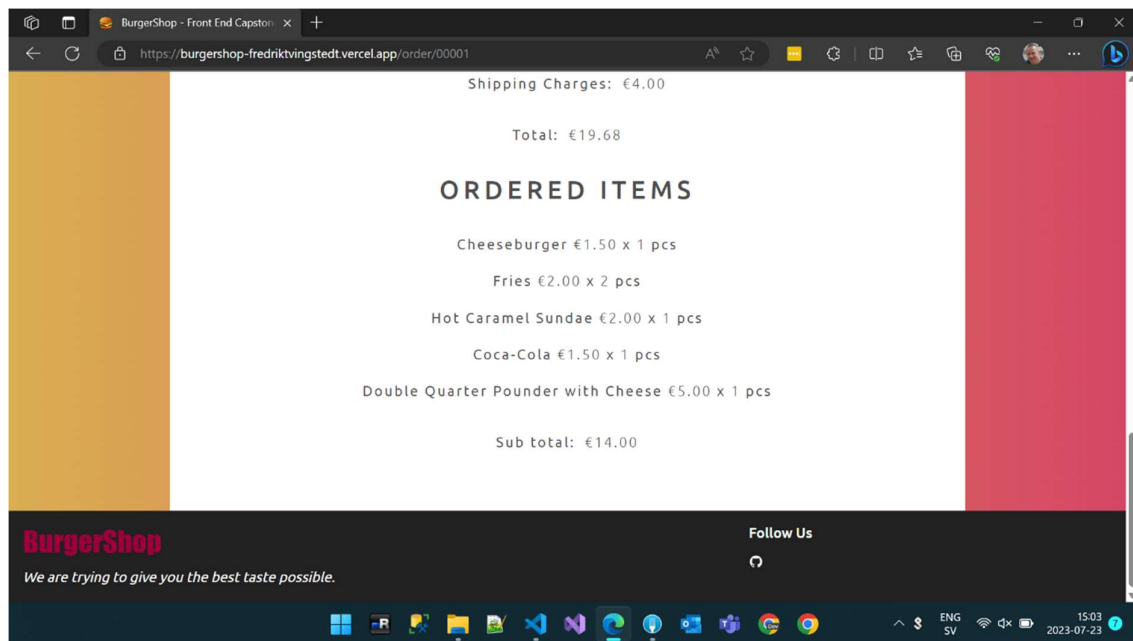
The following information will be displayed for each order:

1. "Order ID": The unique identifier for each order.
2. "Status": The status of the order, indicating whether it's being processed, shipped, delivered, or completed.
3. "Item Qty": The total number of items contained in the order.
4. "Total Sum": The total cost of the order.
5. "Payment Method": The payment method used for the order.
6. "Order Details": A button that the user can click to access detailed information about the specific order. This will lead to the "Order Details" page, where the user can view the itemized list of products, shipping information, and other relevant details pertaining to that particular order.



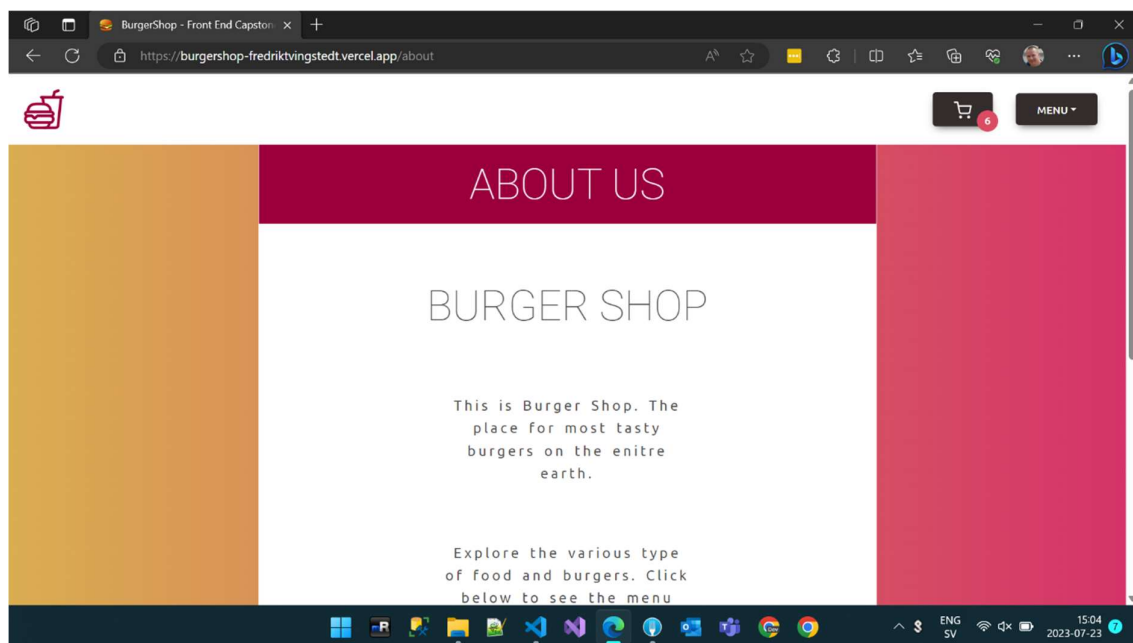
If a user clicks on "Order Details," they will be directed to a dedicated page that provides comprehensive information about their specific order. On this page, the user can access all the relevant details related to their order.





There is also an "About" page.

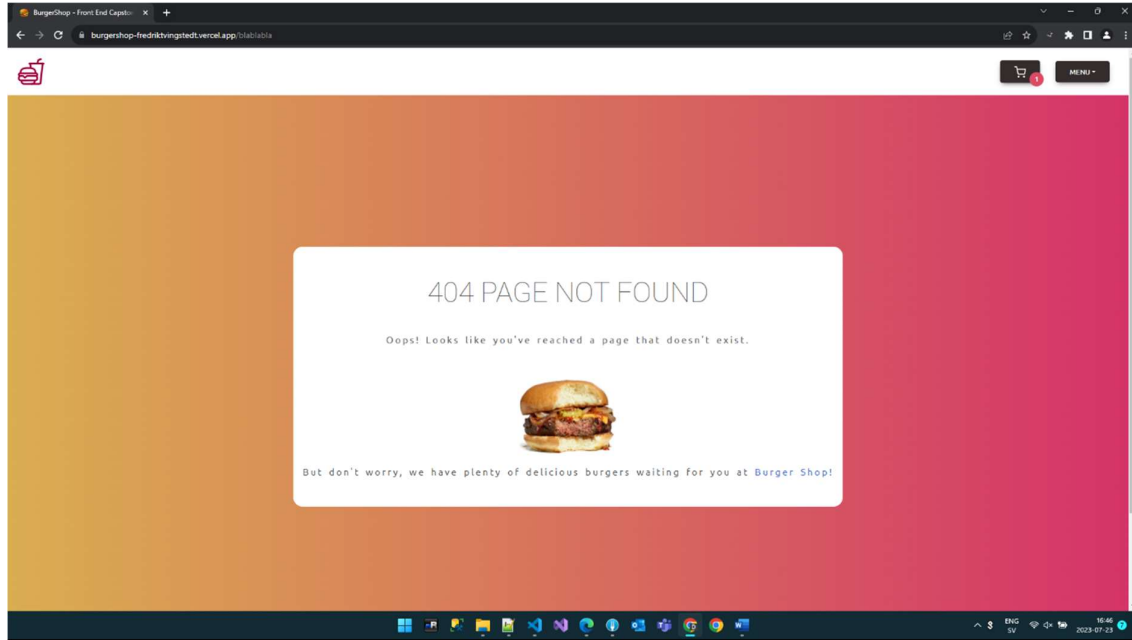
You can reach this page by entering the menu under "About".





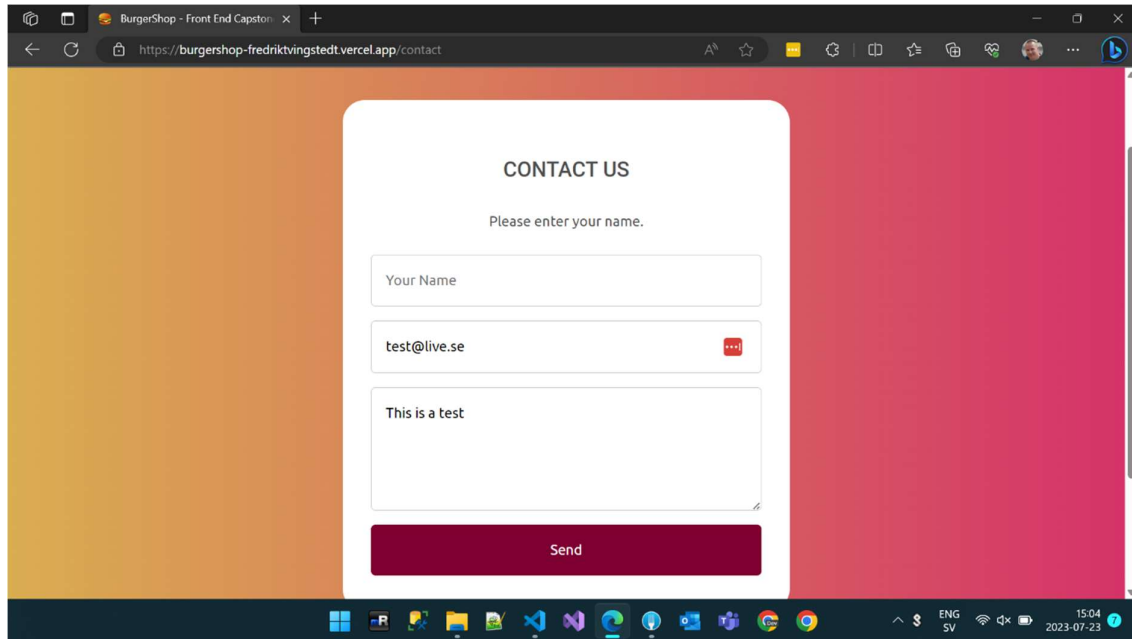
If a user attempts to access a page or URL that does not exist on the website, they will be redirected to a "NotFound" page. The "NotFound" page typically appears as follows:

The "NotFound" page is designed to inform users that the requested page or URL is not available, and it may include elements such as an error message, a friendly apology, and suggestions on what the user can do next, such as returning to the homepage or using the navigation menu to explore other sections of the website. The purpose of this page is to improve the user experience by guiding them back on track and preventing frustration when encountering broken or non-existent links.



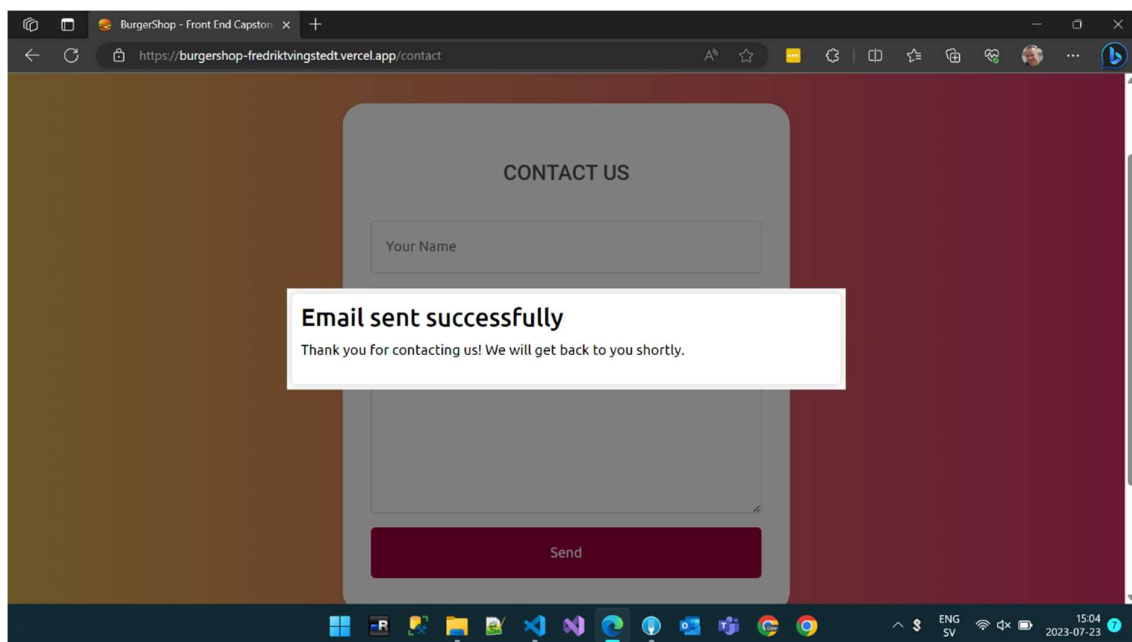
Finally, there is a "Contact Us" page equipped with a functional "Mail service" powered by "emailjs-com." This allows users to send messages directly to my email address.

Moreover, the input fields on the page are validated, requiring the user to provide their name, email, and a message before they can proceed to click on the "Send" button.



The screenshot shows a web browser window with the address bar displaying "https://burgershop-fredriktvingstedt.vercel.app/contact". The page has a gradient background transitioning from orange on the left to pink on the right. In the center is a white rounded rectangle containing the "CONTACT US" form. The form includes the title "CONTACT US", a prompt "Please enter your name.", a text input field with the placeholder "Your Name", an email input field containing "test@live.se" with a red validation icon, a text area containing "This is a test", and a dark red "Send" button at the bottom.

Once the user clicks on "Send," a notification confirms the successful submission of their message, providing reassurance that everything is functioning as intended.



This screenshot shows the same "CONTACT US" form, but with a semi-transparent grey overlay. A white notification box is centered over the form, displaying the text "Email sent successfully" in bold, followed by "Thank you for contacting us! We will get back to you shortly." The "Send" button is still visible at the bottom of the form.

The Mail Service works as it should and mail is sent to the recipient's mail.

