

# User Interface Testing

This document holds information about the UI design principles we strived to implement in the design of our website. It will go into depth of how we succeeded in the implementation and where there is still room for improvement.

## Consistency

Consistency is one of the most important parts of user interface design. It refers to keeping uniformity across different pages. This includes consistent layout, colour schemes, and typography. Consistency makes it easier for users to navigate the different pages, while inconsistencies can lead to confusion and frustration.

The main way we provided a consistent feel is to use the same header on all pages. In figure 1 the header is depicted. It is the same in the home, menu and about page.



Figure 1 – The header

One other particularly crucial element is the consistent colour scheme. Some examples of this are shown below.

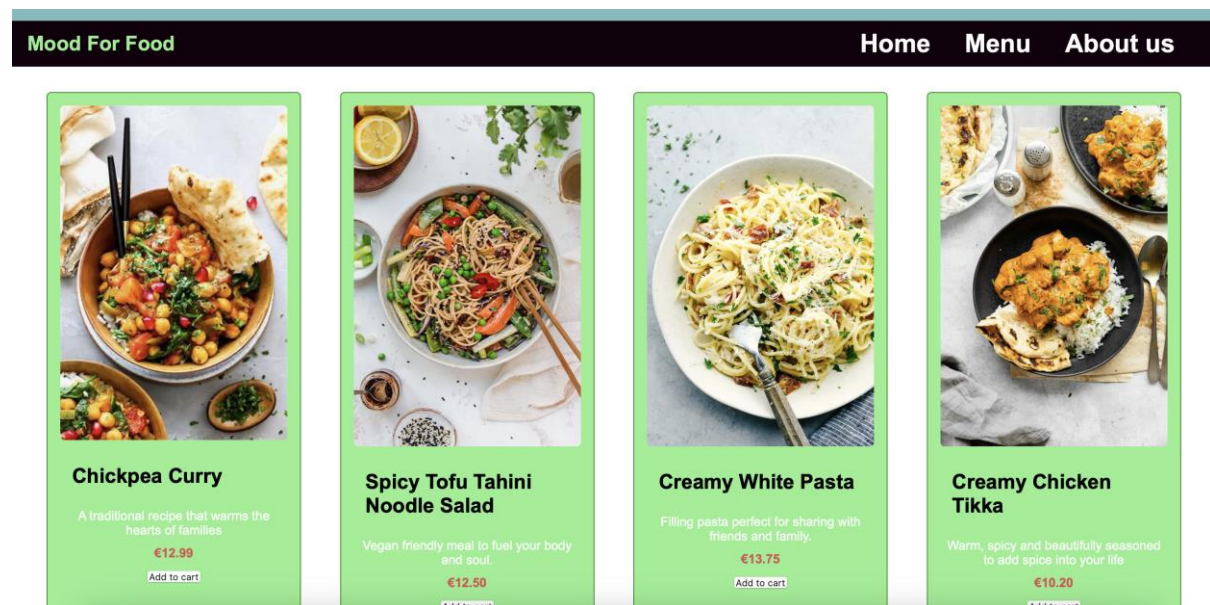


Figure 2 - The menu page

The background of the individual elements is in the same colour as the title in the heading. It is one of the main colours of our shop, light green. The layout stays very neat and modern, like the home page.

## Feedback

Feedback involves giving clear and immediate responses to user actions or input. It informs users about the success and outcome of their actions. It can help guide them through actions in the case of buttons changing when hovering over them with the mouse or confirm that actions have been successful, and changes made.



Figure 3 – The navbar with element highlighted

The navbar provides feedback when hovering about certain elements by highlighting the element with light green. This can be seen in figure 3, where the selected element is highlighted.



Figure 4 – The login button in its highlighted state

This same principle is also used for all other buttons on the website, in figure 4 for example the login button which gets highlighted grey when hovering above it.

Our website is lacking feedback after signing up or register. The only feedback is that the user gets redirected to the home page, which does provide some feedback, but it is very sparse. Improvements could be made in the form of a message saying that the user has successfully logged in or registered.

## Guidance

Guidance in UI design involves providing cues and instructions for the user. It should guide in navigating the website and carrying out the user's goals. Guidance can come in the form of instructional text or visual cues.

We incorporated instructional text on every page, to help the user with navigating the site. The home page explains the purpose of the online shop and tells the user to browse the menu and start shopping or log in.

### Welcome to the MoodForFood online store!



We strive to provide our customers with the best nutrition possible. Browse our menu and order today!

If you have an account already log in below or register to make a new account!

Login

Figure 5 – The home page with instructions

If a user clicks on the login button, which they are guided to by the button being right below the text, they see the screen displayed in figure 6. It prompts them to input an email address and password to log in or click on the register link if they don't have an account already.

The guidance is consistent over all pages, which ensures the consistency principle in this context. Giving less guidance on some pages can lead to an unpleasant experience for the users, so we ensured to provide a similar amount of guidance on every page.

## Login

Email:

Password:

Login

Don't have an account? Register now!

Register

Figure 6 – The login page

## Minimal Clicks

To ensure a user's experience is as streamlined and simple as possible, we incorporated the minimal clicks principle. This principle is a fundamental guideline for designing a website and ensuring that it is efficient and user friendly. It is implemented by minimizing the number of interactions the user has with the website and simplifying the websites design.

Our website is easy to navigate and requires little interaction. From first contact with the home page, it takes two clicks to add a food item to the users shopping cart. The straightforward design along with the little number of buttons, ensures that the user knows what to do next and can achieve this with little clicks.

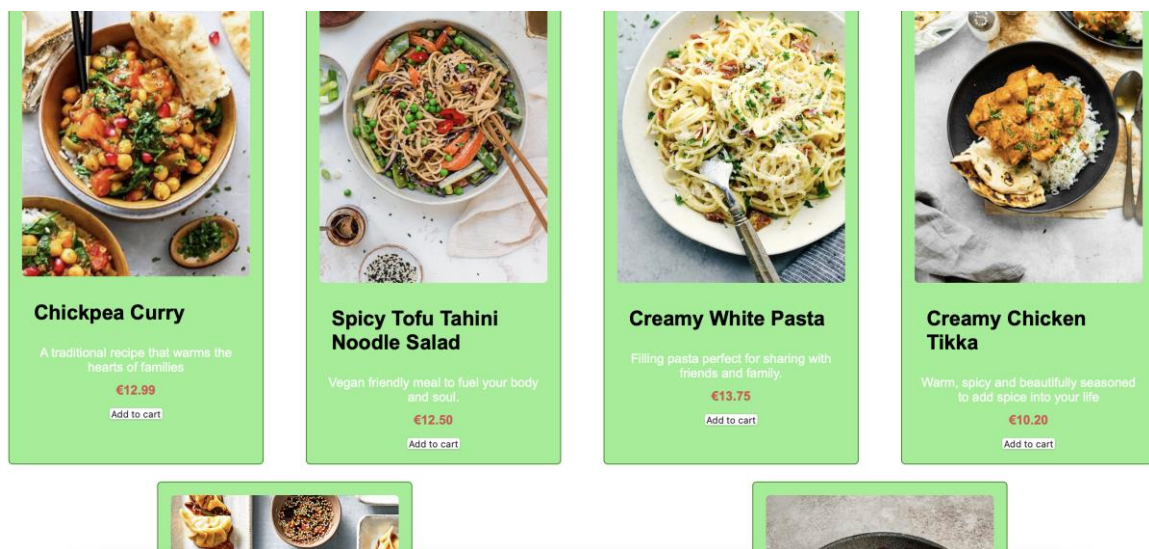


Figure 7 – The menu page

The menu page shows this principle quite well. As depicted in figure 7, all essential information about each food item is visible straight away. The name, a brief description, and the price of each item can be seen right when opening the menu page. Adding said item to the cart requires only one click from the user.