

FRONT-END

PROGRAMMING

FINAL PROJECT



Once reached the final course project, it is understood that it is the time to put into practice all the acquired knowledge across all the modules. In order to improve the project we will develop, it is also the time for searching other libraries and frameworks, if desired.

Three proposals have been prepared on three different topics. These are challenges we can find in our daily life as developers. All proposals involve the same difficulty, as they all have the same minimum contents. We have to choose one of the three proposals, the one that best suits our personal preferences. Each of them has a specific delivery document, therefore, we will choose the desired one and we will download that document from our platform:

- Proposal A: "Building company".
- Proposal B: "Restaurant".
- Proposal C: "Academy".

PROPOSAL B: RESTAURANT

SCENARIO

Our client is an avant-garde restaurant recently opened that needs to create a powerful online brand image. For this reason, we are told that what they are looking for is a webpage where the client get caught by their dishes' images, showing modernity and class.

We are then requested to create a website where users can get an idea of the quality of their menus and specialties at a glance:

- menu
- specialties
- group menus
- reservations



DEVELOPMENT

Once started, it is the time to set the website's minimum content.

- Our website should include **at least five pages** in order to show all that our client wishes. These pages will be the following (we can name them differently):
 - A **"Restaurant" page** to welcome users and showing a small summary of the service and specialties.
 - A **"Menu" page** where the complete restaurant menu with a brief description of its dishes is available to users. Here we will also include the menu for the takeaway service.
 - A **"Specialties" page** where users can see restaurant's best-known dishes. The size and quality of the images is important (without being oversized).
 - A **"Group Menu" page** where we will explain its function and we will show via drop-downs different options together with its price. This page should redirect the client to reservations.
 - And a **"Reservations" page** where a contact form is available to users in order to contact the company, see its location and reserve a table.
- All pages **must have at least the basic structure** of the document.
- **Pages must have different layouts**, but maintaining cohesion (e.g. a page cannot have a 12px font and 16px on any other, a different spacing, etc.).
- All pages **must have a top navigation menu and a footer**, both will be the same for all pages and they will, obviously, be functional.
- **It is mandatory to use all the languages learned** during the course, that is, HTML, CSS and JavaScript.
- Our web page **must be responsive**. Nowadays, much Internet content is visualised through the mobile phone, so it is important that our design is able to adapt to this.

EXTRAS

Extras are additional points we can add, but they are not mandatory. However, they will add value to the project being produced and add some difficulty.

- Law requires that webpages include their **Privacy Policy, their Legal Notice and their Cookies Policy**. This would add three more pages to our project.



- Given the webpage theme, it is highly recommended to work on a good **gallery** in the homepage. We can also add as supplement, images for each and all dishes in our “Menu” page. These should appear in a pop-up window, and all the images should have the same size.
- **A banner with cookies acceptance.** Adding this item would add value for our client, as we inform users about its use.
- Add **links to the company’s social networks** to the footer. It is not necessary to create a specific account, but links must work and redirect users at least to the social network’s homepage.
- **Make our contact form work**, i.e., to send us an e-mail to a given e-mail address. To do this, we would need to create a test e-mail address for the company and verify that the messages are received.
- **Upload the project to an actual web address**, using the exchangeable codes for domain and hosting offered by the school. These codes come from a collaboration agreement with *DonDominio*, they have a one-year validity and are free.

RECOMMENDATIONS

- When working on our webpage colours, we can use pages specialised in colour in order to get ideas and combinations. Examples of resources could be:
<https://htmlcolorcodes.com/>
<https://color.adobe.com/en/create/color-wheel>
- It is highly recommended to add remarks in our code. Having clarifications in our code helps not only us as developers, but also helps third parties so they can understand the steps if somebody works in a team project at any time.
- Nobody is born knowing, so it is advisable to look and research several webs in the industry to get ideas. It is not about copying, but rather take ideas about elements, structures or colours we have found that can help us in our design.
- When using images not being our own, it is important to look up the images copyright. We should look for images with a *Creative Commons* licence of public domain.



- It is not necessary to create the company's history. We can fill paragraphs with *Lorem Ipsum*. However, headers or titles must indicate the content that should be included in the paragraph.
- If we have thought about adding Privacy Policy, Cookies Policy and Legal Notice, we can find template pages. It is not about creating a link to the template, but using this free and public domain content to include it to our website by way of example.



DELIVERY

The project will be delivered through Tokio School's platform, where two files must be enclosed:

- The first one will contain all our development part in a file with the following format: **"FP_B_Name_Surname.zip"** (we can save it in a .zip or .rar file)

This file shall contain all the folders, well organised with all the code created, as well as the images used.

- The second file will be a pdf document (it can be a ppt or Word converted to pdf) where we will explain the steps followed, as well as the design considered.

To assess the project, the teacher will act as a client and will test the website, and may ask for changes he may consider appropriate. He will also ask us three questions about those points in the project he wants to know more about.

What is taken into account in the assessment?:

- The webpage should meet the minimal requirements.
- Code cleanliness, structure and website design will be reviewed.
- Web functionality will also be tested.

Once the teacher has asked the questions about our work, we have to **record a video** where we will answer these questions, always taking into account that we are defending our project before a client, so we should not forget to record this video in a professional way. We can use the resources we consider necessary and its length should not be longer than 15 minutes.

Good luck!