

Final Project

Title: Responsive Website development in Bootstrap with access to database tables

Objectives:

This activity is intended to aggregate the different subjects taught in this UC in order to provide students with a global vision of the Web development environment.

At the end of this work, students should be able to practice the basic components of the elaboration of a website recurring to bootstrap framework. In addition, students should be able to create access to a database to store and retrieve information.

Students must acquire basic knowledge of HTML, CSS, Javascript and PHP technologies.

Description:

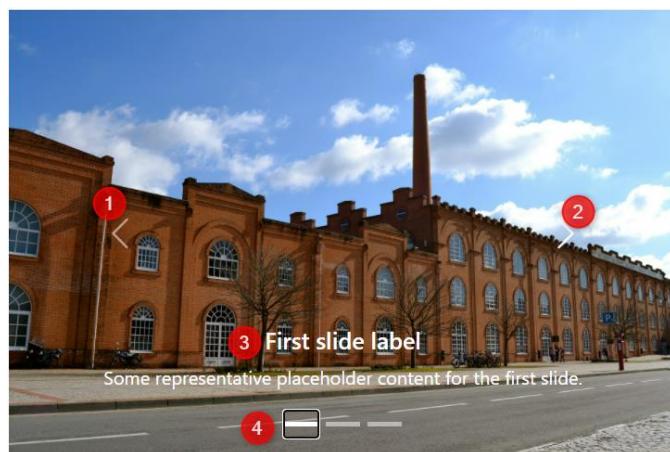
The theme is free. Each group can define the theme you want as long as it respects the minimum requirements listed below. It is intended to develop a website that provides responsive navigation through information related to activities regarding the chosen theme. Use the bootstrap framework to accelerate development.

Minimum requirements:

- All pages should be responsive and have a **responsive menu** of options (at the very least, these options should exist):



- The **homepage** should be composed by (at least) the following elements:
 - “**Carousel**” with a slide of a minimum of four images (adapt the images to your subject interests)



- The “carousel” of images should allow the navigation shown in the above image (2 and 4).
- The “carousel” of images must allow the insertion of text to describe the image (3).
- The “carousel” of images must present indicators to go directly to an image (4).

- **There must exist cards with 4 images and initial text (1)**

 <p>Casa da Barra</p> <p>1 Com um estilo arquitetónico muito tradicional, a Casa da Barra tem um conforto inigualável.</p> <p>2 Info... 3 Reservar...</p>	 <p>Casa da Ria</p> <p>Com um estilo arquitetónico muito tradicional, a Casa da Barra tem um conforto inigualável.</p> <p>Info... Reservar...</p>	 <p>Casa da Cidade</p> <p>Com um estilo arquitetónico muito tradicional, a Casa da Barra tem um conforto inigualável.</p> <p>Info... Reservar...</p>	 <p>Casa das Dunas</p> <p>Com um estilo arquitetónico muito oriental, a Casa das dunas tem um conforto inigualável.</p> <p>Info... Reservar...</p>
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- It should be possible to expand more information - expand / **collapse button** effect (2)
- There should also be a 2nd **button** for the "Booking" option (3)
- **By clicking on the "About us" option (main menu) you should go to the “About us” page of the homepage:**

Sobre nós

1 Lorem Ipsum is simply random text. It has roots in a piece of classical Latin literature from 45 BC. Richard McClintock looked up one of the more obscure Latin words, consectetur, from a Lorem Ipsum passage, and going through the cites of the word in classical literature, discovered the undoubtable source.

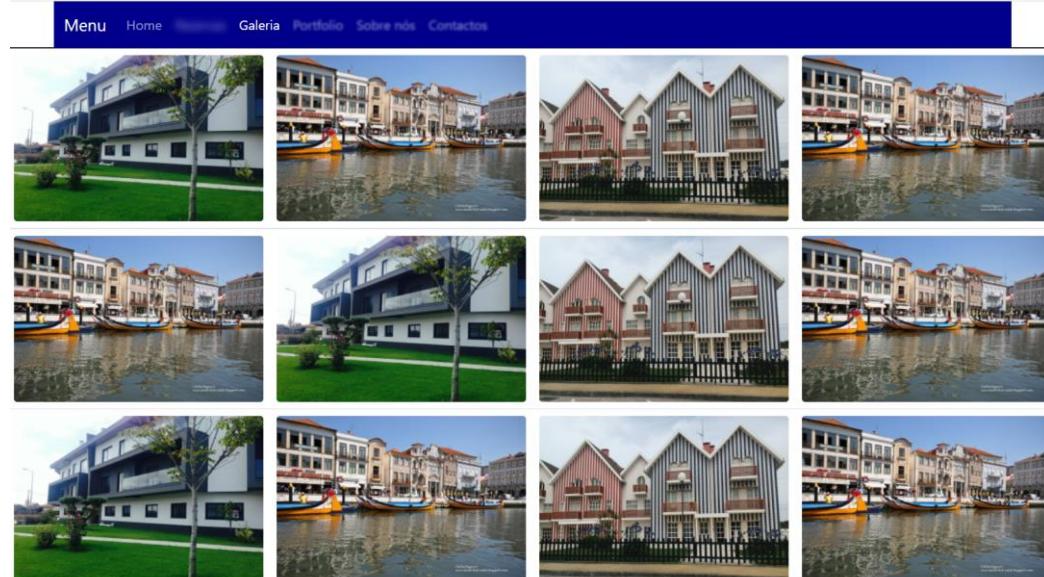
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3 Arquitecto, rerum? Lorem ipsum dolor sit amet consectetur adipisicing elit. Illum facere impedit dolor ea hic, earum autem. Et nam explicabo ea quid! Esse cumque quaeat ut est repellat asperiores perferendis assumenda necessitatibus debitis nisi atque, repellendus quod excepturi, tenetur nesciunt quo? Lorem ipsum dolor sit amet consectetur adipisicing elit. Officilis eum rem ratione possimus eaque, quibusdam consequatur doloribus reiciendis nesciunt nisi molestias temporibus sunt explicabo facilis facere odio maiores suscipit, laudantium expedita laboriosam tenetur eligendi. Voluptatum molestiae aliquam dignissimos omnis quos aspernatur veritatis, debitis facilis hic maiores dicta nesciunt ut nam deserunt id sed placeat fugiat dolore? Tempore, quae?

4 Mais Info...

- This page should present text (1) and (3) Images (2)
- And a **button** that should allow to go to "Contact us" (4)
- The homepage should also have a footer with free information (whatever the group wants to put there)

- **The page "Gallery" should present a responsive table with images:**



- On the "**Contact us**" page, there should be a contact form (to submit questions) where you will be asked for the name, email address and the question to ask.
- On the "**Contact us**" page, there should be a contact form (to submit questions) where you will be asked for the name, email address and the question to ask.
- When you select the "**Admin**" option, you should access a new menu that allows you to insert a new record and list products, services, bookings, etc. (whatever makes sense for the site).

- You can create as many tables as you need to make sense of your site, however, one of these tables (products, services, bookings, etc.) must have a number and types of fields approximately identical to the form below (booking form).

 AirbnbRent

House 2 — Beach Apartment

Check-in date: 21/12/2025 | Check-out date: 24/12/2025

Duration: 3 nights
 Available for the selected dates.

Email: flinstone@gmaill.com | Password:

Address: Sun rod 123

Address (line 2): Apartment, hotel, house, etc.

City: Gaia | District: Porto | Postal Code: 1234-567

I want to receive the weekly newsletter with updates.

Submit | **Clear**

- The "Submit" option should allow records to be inserted into database tables using the appropriate form.
- The "List rents" option should have the option to edit (for changes via a form) and remove at the end of the record. The remove option should allow the entire record to be shown in a form with disabled fields and 2 buttons (one for "continue" and delete, and a second button for cancel).

User / Booking

ID	Accommodation	Email	Dates	Duration	Options
1	City Center Studio	admin@example.com	01/06/2024 - 04/06/2024	3 nights	 
2	Beach Apartment	jane@example.com	15/06/2024 - 17/06/2024	2 nights	 
3	Country Villa	mike@example.com	25/07/2024 - 28/07/2024	3 nights	 

Technologies:

Editor: Visual Studio Code

Programming languages: HTML + CSS + JavaScript + PHP and the Bootstrap framework

Groups, Deliver and Presentation:

- The delivery and presentation should take place on:
- Maximum presentation time: 30 minutes