

Travaux Pratiques

Filière : IAGI 1

Semestre : 5

Module : Développement Full Stack

Matière : Front-END

Date : 11 / 03 / 2025

Atelier 2 : Création d'une Page Web Responsive (Partie 2)

Objectif :

Réaliser une page web qui s'adapte aux écrans de différentes tailles (desktop, tablette, mobile).

Compétences travaillées :

- Utilisation de Flexbox & Grid
- Utilisation des Media Queries
- Gestion des images et polices responsives

Specifications Document - Hotel Reservation Website

Objective:

The objective of this workshop is to develop a hotel reservation website that allows users to create an account, search for hotels, check room availability, view room types and prices, apply discounts, make reservations, complete payments, and cancel bookings. The website administrator will have the ability to manage room availability, update prices and discounts, handle customer information, and track reservations.

Website Functionalities:

1. Client Space

Sign-up (Account Creation)

Registration form with mandatory fields (e.g., first name, last name, email address, password, etc.).

Email verification for account activation.

Hotel Suggestions

Display a list of hotels most recommended by customers, based on the client's location.

Hotel Search

Search bar allowing clients to specify their preferred area.

Filters for :

- o Arrival and departure dates
- o Star rating
- o Distance from the city center
- o Meal options
- o Room availability and type

Room Availability

Interactive calendar displaying room availability based on selected dates.

Room Details

Display available room types with corresponding prices.

Detailed descriptions of each room type, including photos.

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Discounts

Display a list of available discounts.

Show applicable discounts during the reservation process.

Reservation and Payment

Virtual cart for adding rooms.

Secure online payment process.

Reservation confirmation via email.

Reservation Cancellation

User interface allowing clients to cancel a reservation.

Clearly defined cancellation policy (e.g., free cancellation or applicable fees/percentages).

2. Administrator Space

Room Availability Management

Dashboard to visualize current room availability.

Ability to block or release rooms.

Price and Discount Management

Interface to update room prices.

Management of discounts and promotions.

Client Management

Access to a list of registered clients.

View reservation history for each client.

Reservation Tracking

Real-time reservation tracking functionality.

Notifications for new reservations and cancellations.