Complexe Guide DZ
tout les complexe en un seul site

PROJET PLURIDICIPLINAIRE

Complexe Guide DZ

VOTRE SITE DE RESERVATION

Développement d'un site web de reservation de complexe

Complexe Guide DZ

Votre de reservation de complexe en ligne

Framed by :

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Client :

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Les Membres D'équipe

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Plan de presentation

01 — Problem and Solution

02 — Demarche suivi et Gestion de Projet

03 — Les outils et technologies utilisés

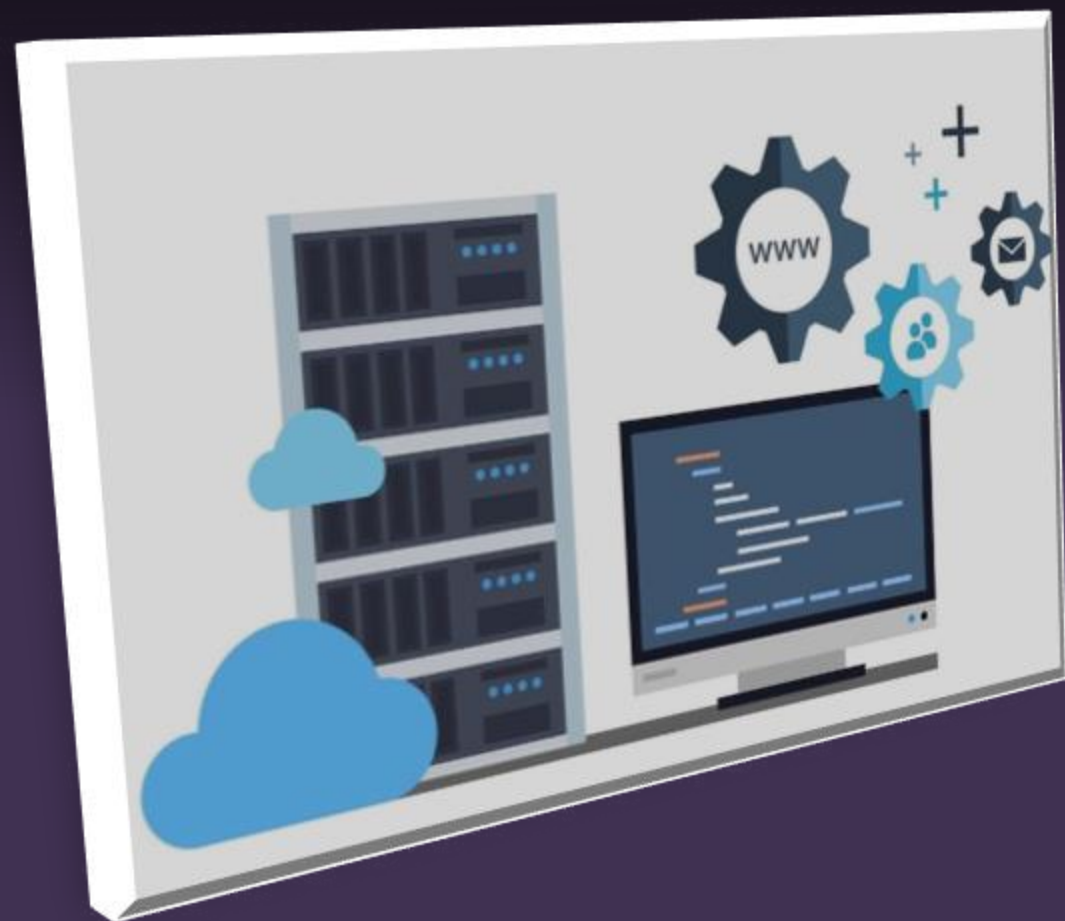04 — Conception du site web

05 — Le Site En Action

06 — Conclusion & Prospectives

Problem posed

Managing reservations coming from different channels (email, phone, web forms, etc.) can quickly become a headache. The risk is having information scattered and difficult to centralize.
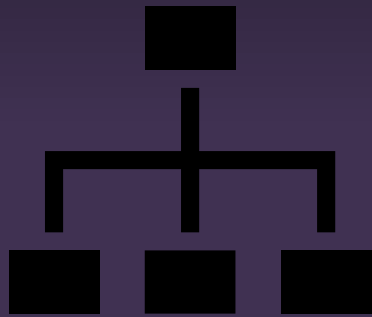
A single place where all reservations, regardless of their source, are automatically recorded. the manager, can then see all requests and client details at a glance, without having to juggle between different platforms. All this in our site
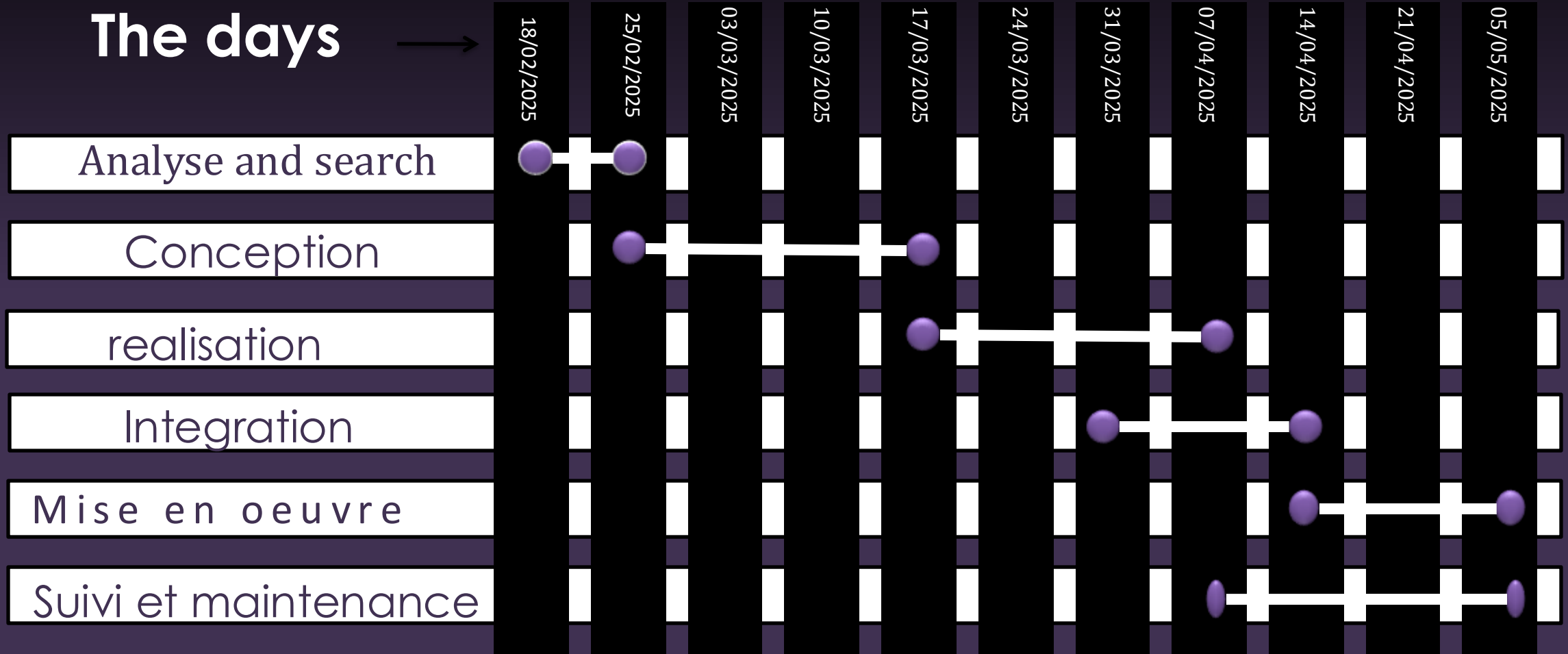
Complexe Guide DZ

votre site de reservation !!

Let's reveal Complexe Guide DZ

More than a website, Complexe Guide DZ: discover the secrets of its design and operation

Demarche suivi et Gestion de Projet

General schedule :

	18/02/2025	25/02/2025	03/03/2025	10/03/2025	17/03/2025	24/03/2025	31/03/2025	07/04/2025	14/04/2025	21/04/2025	05/05/2025
Analyse and search	●——————●										
Conception		●————————————●									
realisation					●————————————●						
Integration							●—————————●				
Mise en oeuvre									●—————————————●		
Suivi et maintenance									●—————————————●		

Planning detaillé :

| nom de l'activité	date debut	durée(jours)	date fin
Planing	**05/05/2025**	**77**	**05/05/2025**
Debut de projet	**18/022025**	**0**	**18/02/2025**
Phase 1:Définition du projet		7	
Réunion de lancemcnt		1	
Etude préaleble:			
Analvse des besolns			
Etude de fals abilité	18/02/2025	2	25/02/2025
Étude.du marché			
Redaction du plan du proict		2	
Construction de l'equipe		2	
Vatidation client		1	
Phase 2:Conception		21	
Architecture et infrastructure			
Analyse fonctionnelle		7	
Deinition de l'architicture			
Definition de l'infrastructure			
Structure du site et des pages web	25/02/2025		17/03/2025
Plan du site		6	
Résisstion des trames de pages			
Aspect du site:			
Template graphique		7	
Maquette			
charte graphique			
Validation client		1	
Phase 3:Réalisation		28	
Réalisation de l'ossature du site		7	
Integration .statique		6	
Integration dynamique	17/03/2025	7	14/04/2025
Test et recettes		6	
Vəllidation cent		2	
Phase 4: Mise en production		7	
Préparatlan a l'exploltation	14/04/2025	4	21/04/2025
Lancement		3	
Phase 5:Suivi et maintenance	21/04/2025	14	05/05/2025
Suivi ct maintenance		14	
fin de projet	**05/05/2025**	**0**	**05/05/2025**

Les outils et technologies utilisés
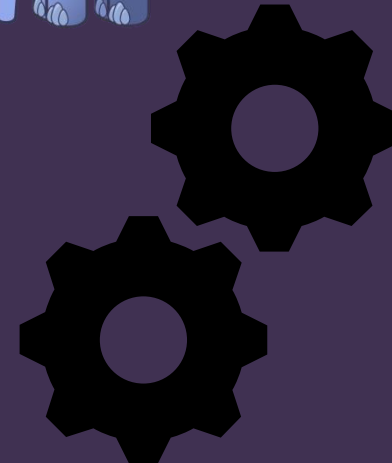
Les Outiles Utilisée Pour la réalisation du site web

Communication
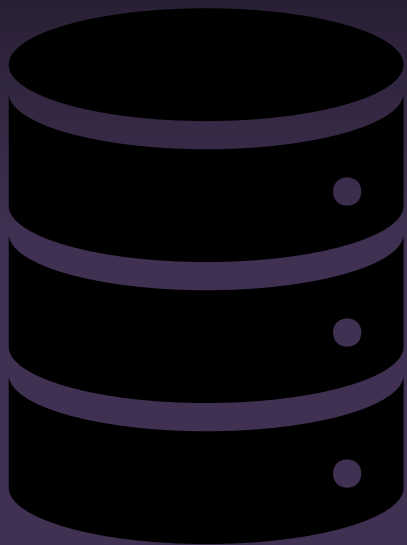
Messenger

Gmail

Conception & Design

Draw.io

looka

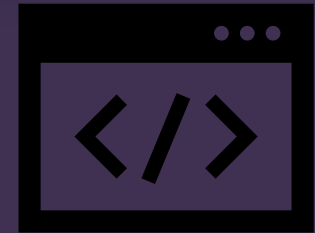Conception du site web

Complexe Guide DZ: De l'idée à la réalité

Lors du développement de notre site web de reservation de complexe, nous avons initialement identifié trois etapes clés.

1. Étape de définition

2. Étape de conception

3. Étape de réalisation

définition

dans cette partie nous nous sommes principalement concentrés sur le cahier de charge où il contenait ce qui suit

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Département d'Informatique

Domaine : Mathématiques et Informatique
Filière : Informatique
Spécialité : Ingénieur en informatique (2-ème année)
Groupe 06
Responsable : SI SALAH Hayet

## Projet Pluridéciplinaire

Complex Guide Dz

Cahier des Charges

Presented by:
Ghoualem islem-Boubenia Rayene-Briki Nazim-Sadi Firasse-Boukrouna Zakaria-Brahmia Islam

Complex Guide Dz aims to revolutionize the family leisure experience by offering an **innovative and user-friendly website** for managing stays and activities within our complex. With **a modern and inclusive vision**, our platform ensures **a seamless user experience**, catering to the diverse needs of our visitors

Discover our solutions to common market challenges: Simplified Booking: A real-time system that allows users to book accommodations, activities, and services in just a few clicks.

Personalized Experience: Options tailored to each family's needs (kids' areas, sports activities, themed dining experiences).
Full Transparency: Clear pricing, detailed service descriptions, and customer reviews for complete trust.

Efficient Service Management: An intuitive platform for managing reservations, payments, and special requests effortlessly.
Committed to comfort and customer satisfaction, we position our complex at the forefront of innovation in the family leisure sector.
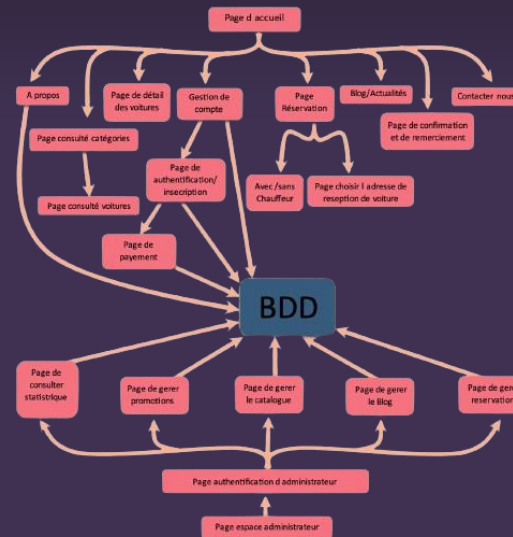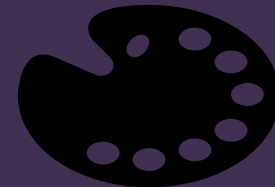
conception

In this part, we have discussed functional and non-functional designs, the different diagrams to be made, as well as the structure of the site, aspects of the site such as design, graphic mock-up, etc., where all this is detailed in our planning and design reports
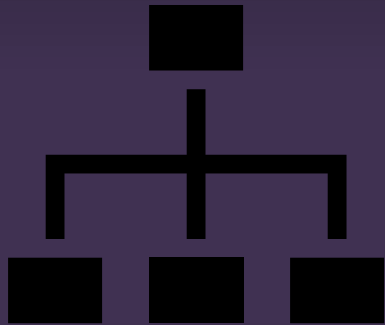
Les diagrammes

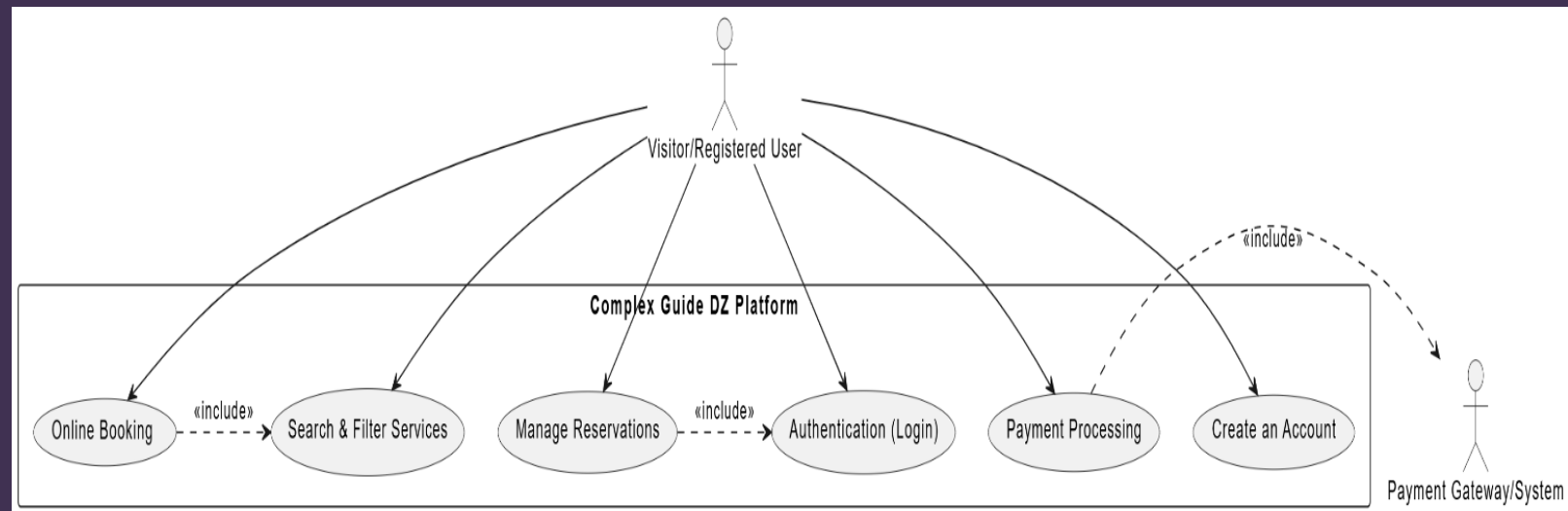Structure du site

Les Aspects Du site

Use case and sequence diagrams

PART 1: **Complex Guide DZ Platform (Visitors/Registered Users)**

1. Create an Account

Objective:

 Allow new visitors to register and gain access
to the platform's services.

2. Authentication (Login)

Objective:

Enable registered users to securely log in and access personalized features.

3. Search & Filter Services

Objective:

Allow users to find rooms or activities based on specific criteria such as date range, availability, and type.

4 Online Booking.

Objective:

Enable users to reserve a room or activity after they have identified a suitable option.
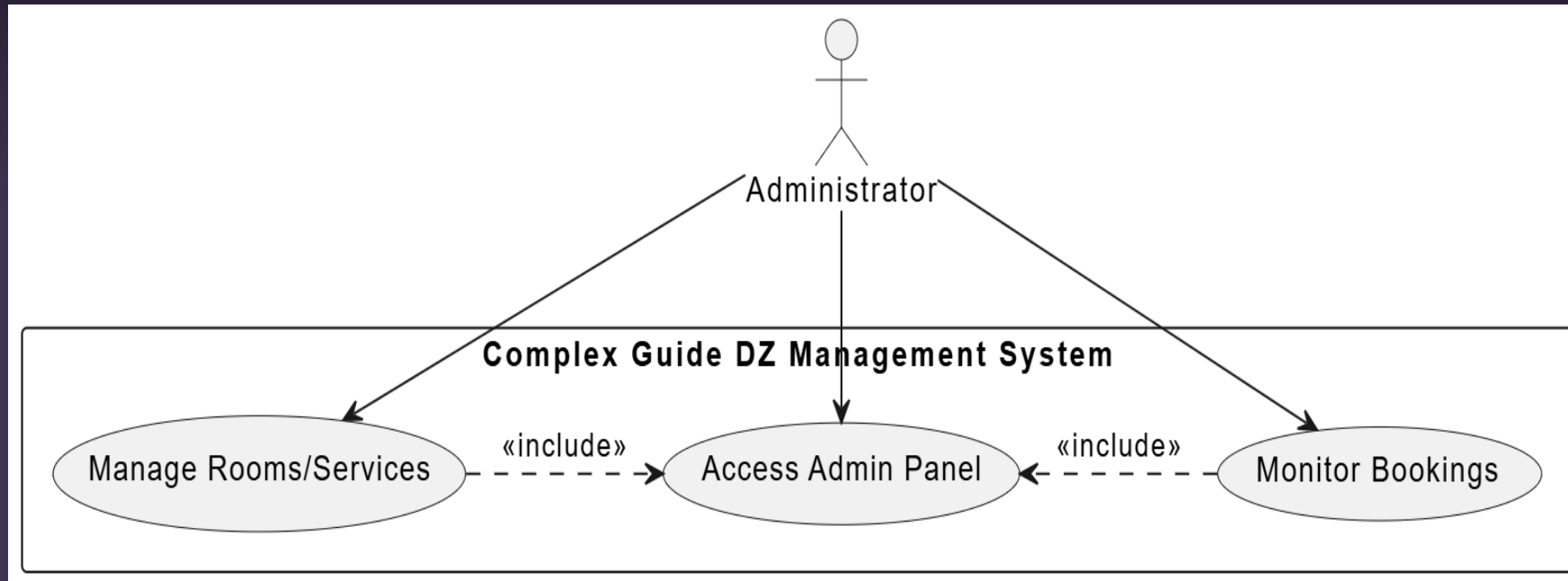
5. Payment Processing

Objective:

Provide a secure mechanism for online payments (credit card or other supported methods).

6. Manage Reservations

Objective: Allow users to view, update, or cancel their existing reservations.

Part 2: Complex Guide DZ Management System (Administrator)

1. Access Admin Panel

Objective: Allow administrators to securely log in and access management functionalities.

3. Monitor Bookings

Objective:

Allow administrators to view and manage all bookings made by users.

2. Manage Rooms/Services

Objective:

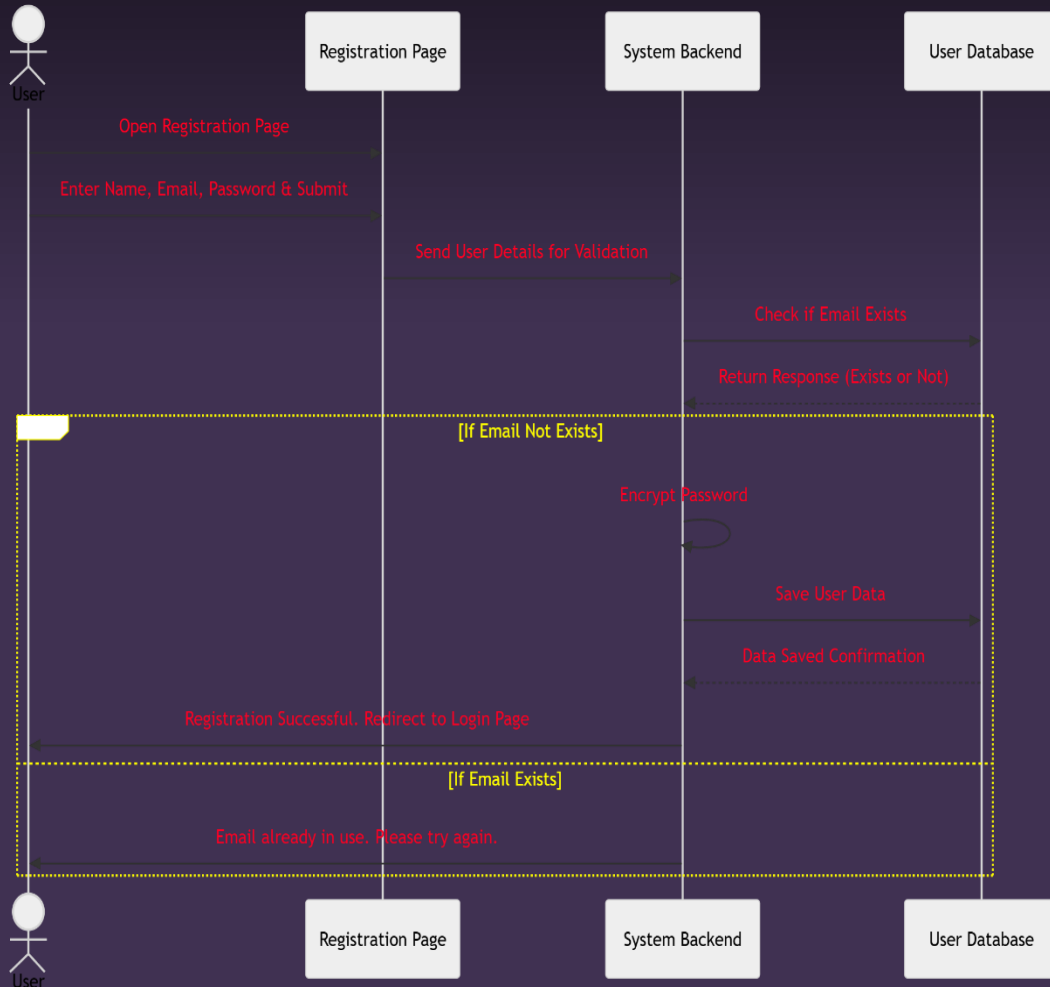Enable administrators to create, edit, or remove rooms/services, and update availability.

Part 3: Sequence Diagrams
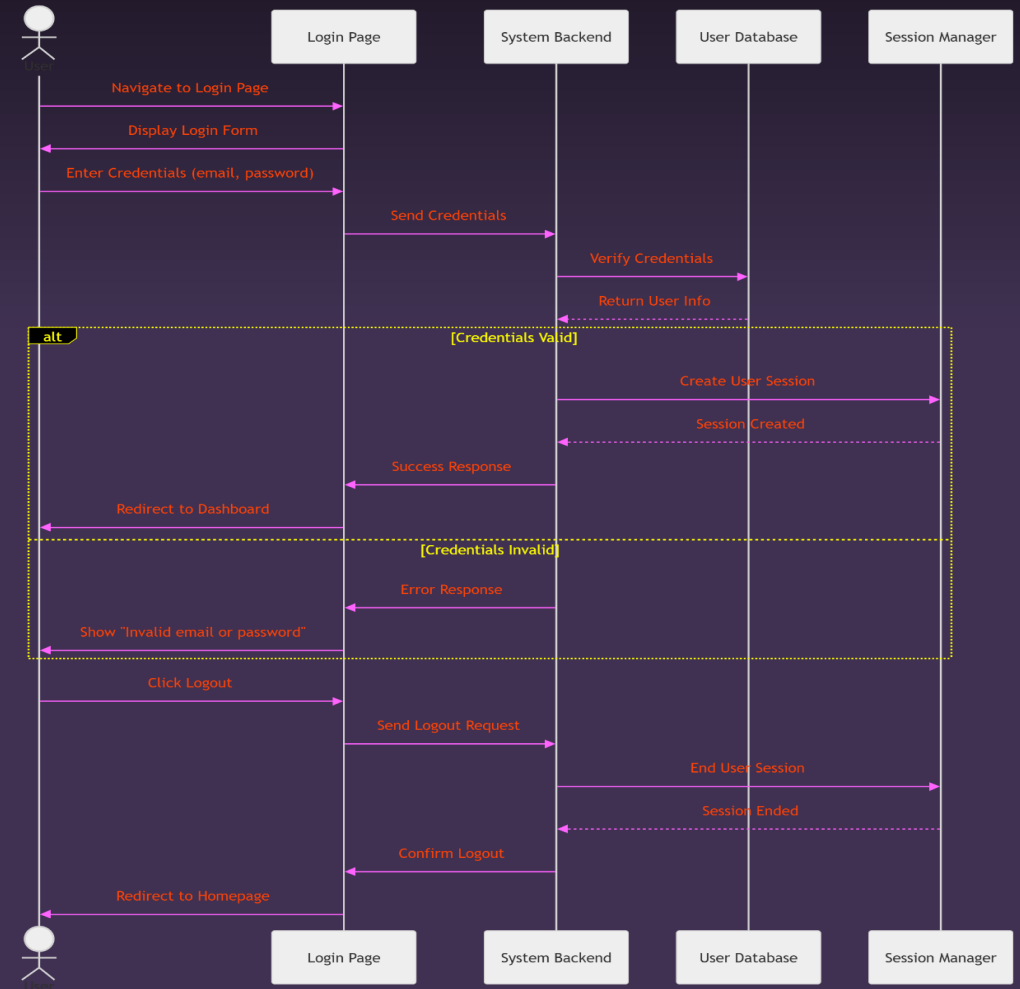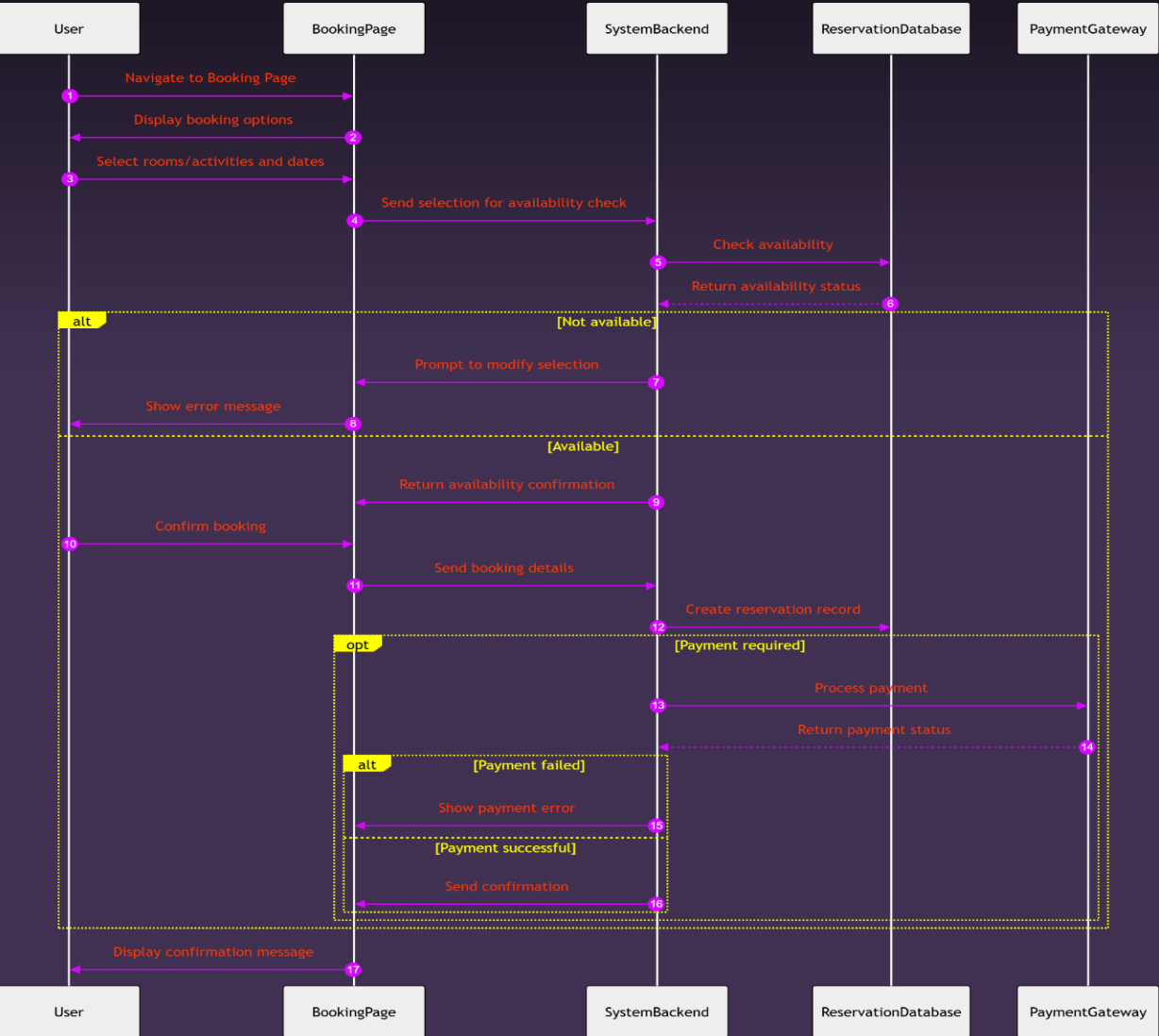
1.Create an Account – User registers by providing their name, email, and password
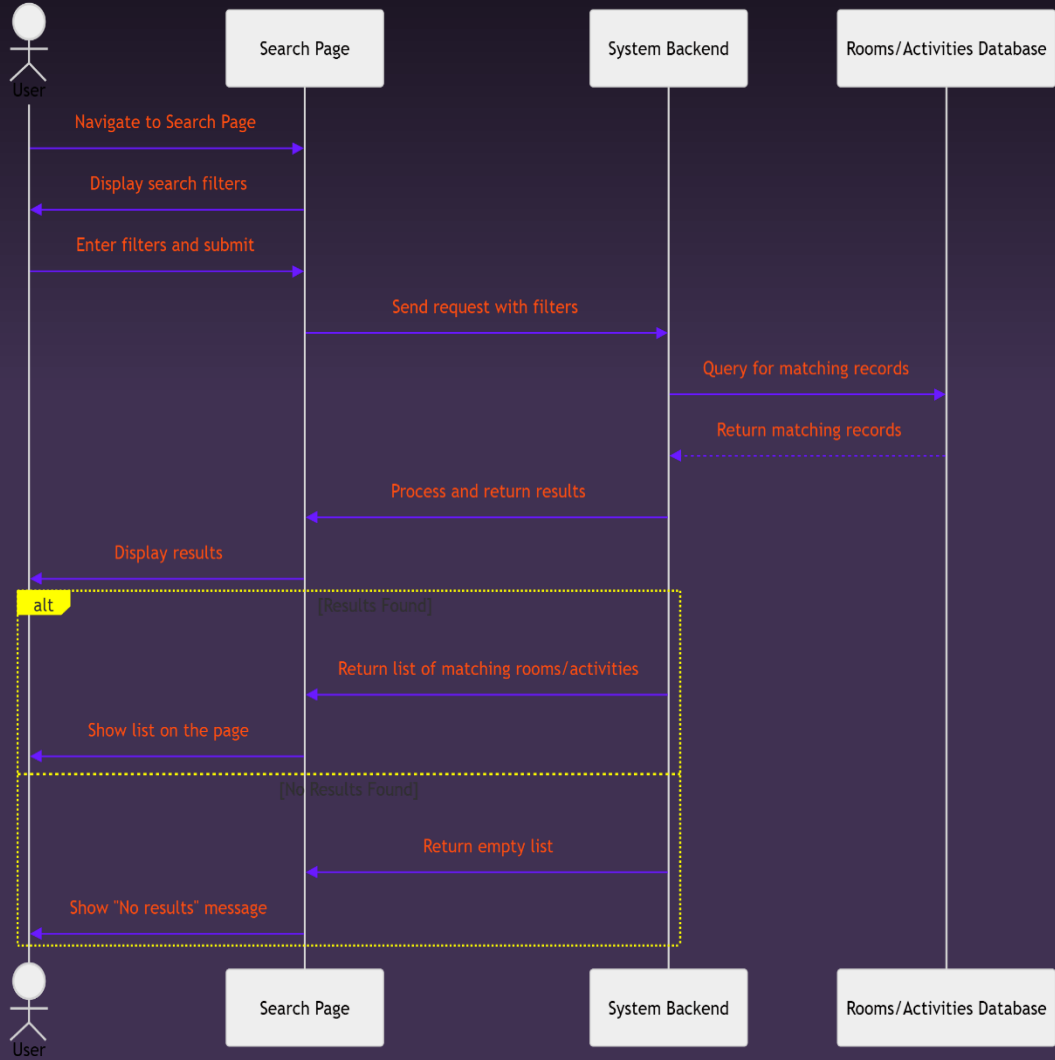

2.Authentication (Login/Logout) – User logs in using email and password to access services.
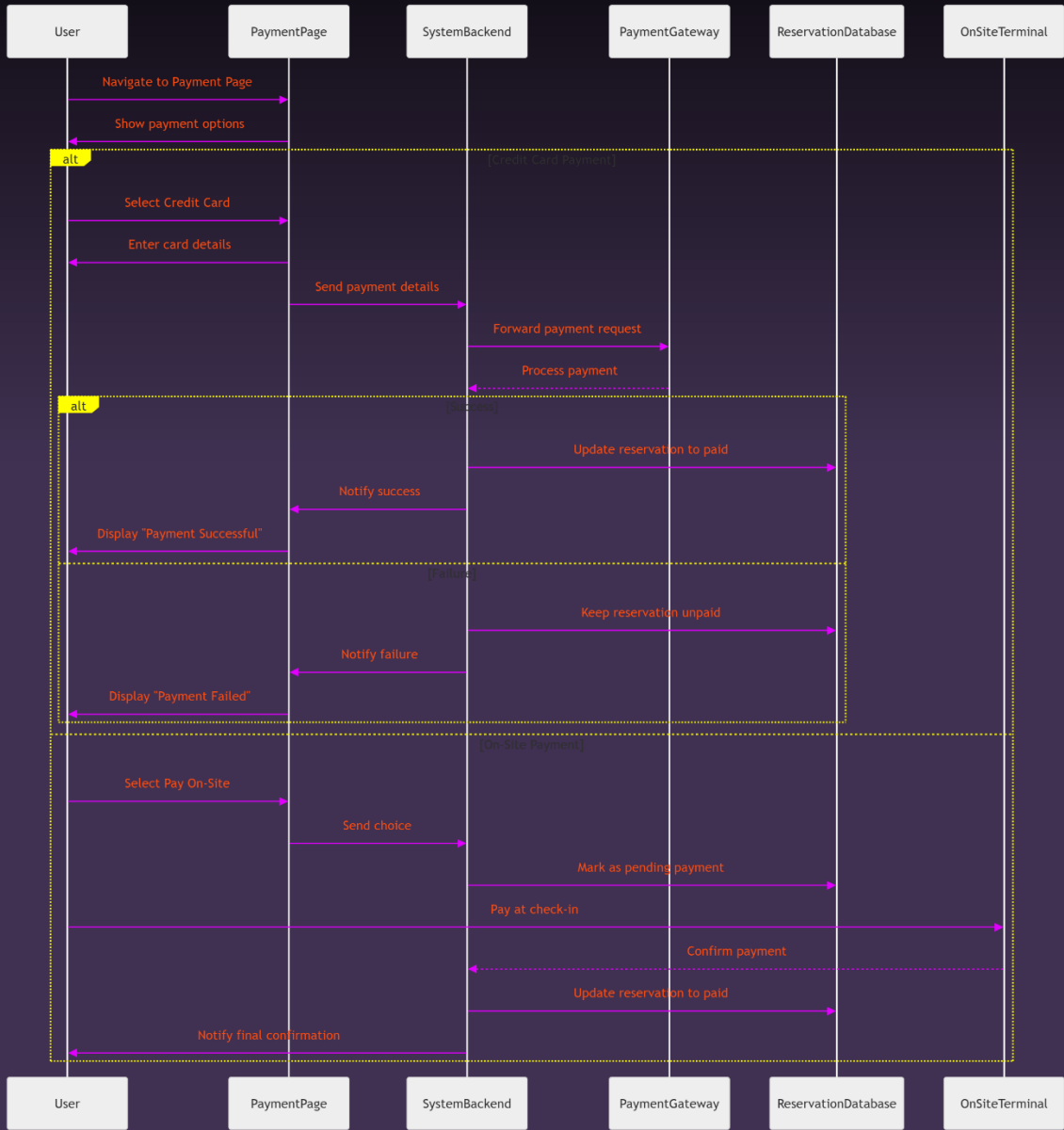
3.Online Booking – User selects rooms/activities, chooses dates, and confirms the reservation

4.Search & Filter – User searches for rooms/activities based on filters.

5.Payment Processing – User makes payments via credit card or on-site at check-in
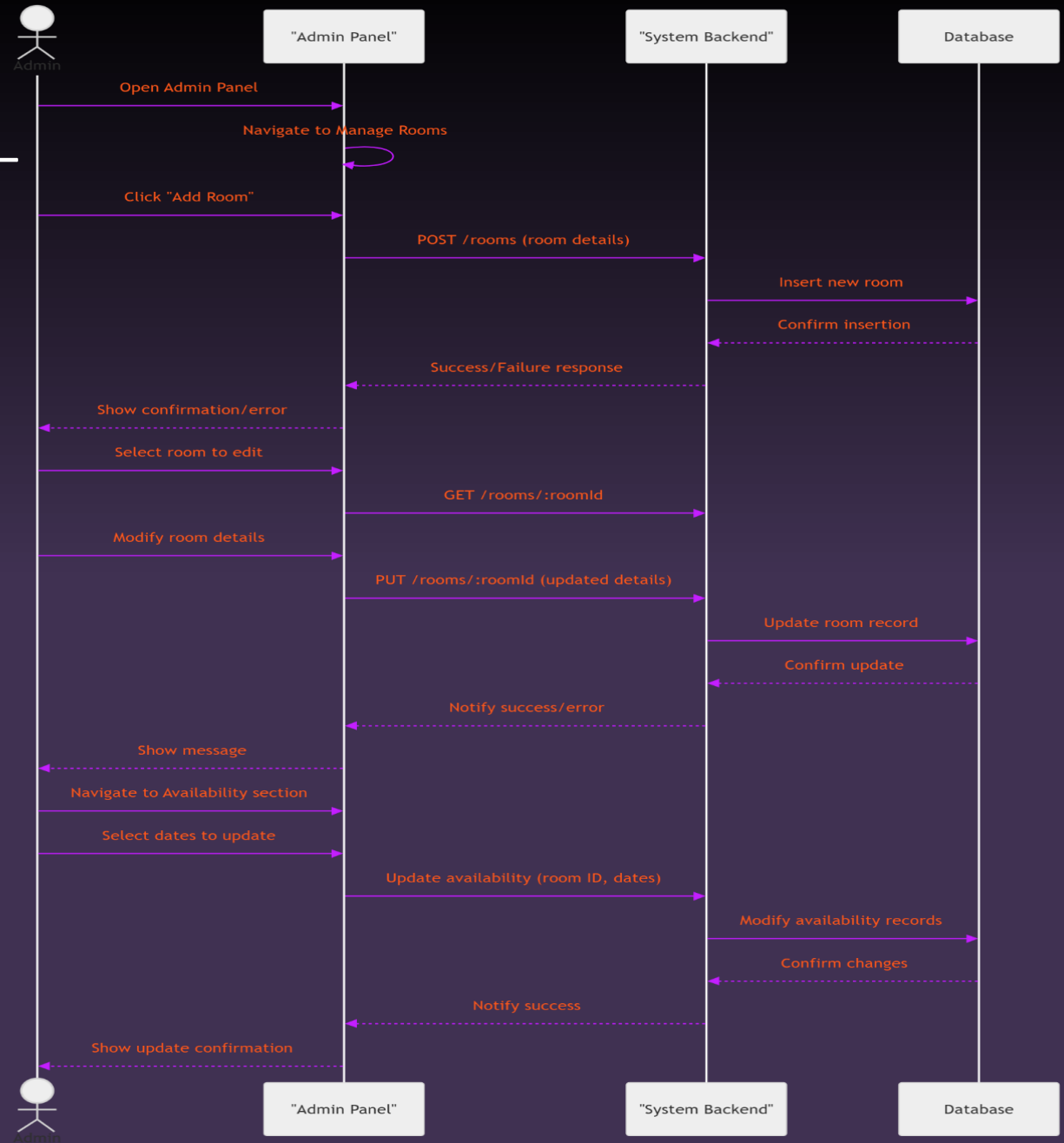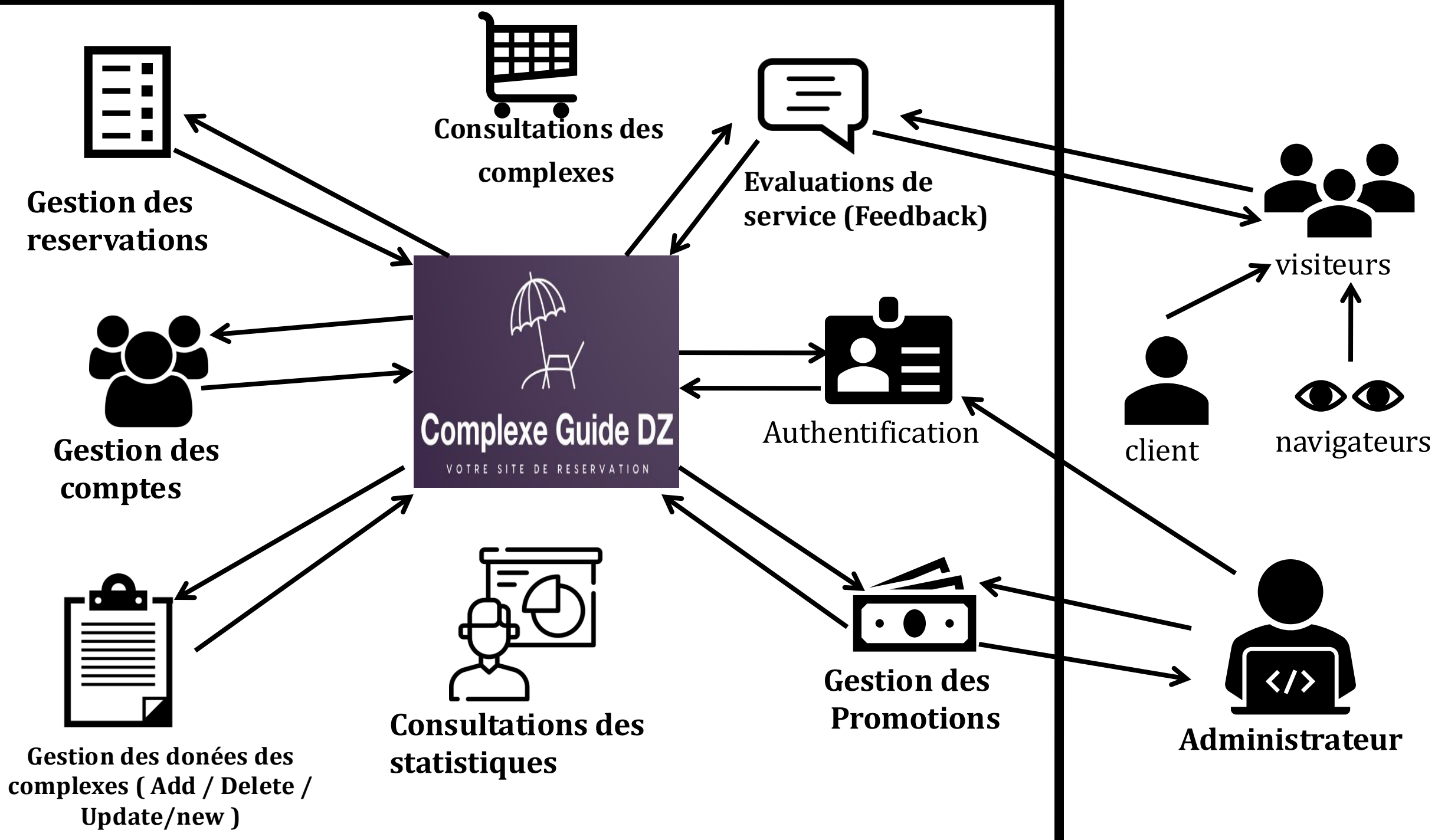
User	PaymentPage	SystemBackend	PaymentGateway	ReservationDatabase	OnSiteTerminal

- Navigate to Payment Page
- Show payment options

alt [Credit Card Payment]
- Select Credit Card
- Enter card details
- Send payment details
- Forward payment request
- Process payment

alt [Success]
- Update reservation to paid
- Notify success
- Display "Payment Successful"

[Failure]
- Keep reservation unpaid
- Notify failure
- Display "Payment Failed"

[On-Site Payment]
- Select Pay On-Site
- Send choice
- Mark as pending payment
- Pay at check-in
- Confirm payment
- Update reservation to paid
- Notify final confirmation

6.Manage Reservations – User modifies or cancels their existing bookings

User	Reservations Page	System Backend	Reservation Database

- Select "My Reservations"
- Request reservation list
- Fetch user bookings
- Return reservation list
- Send reservation list
- Display reservations
- Select reservation to modify
- Send modification details
- Check availability and validate

alt [Valid modification]
- Update reservation
- Confirm update
- Notify success
- Display confirmation

[Invalid modification]
- Notify failure
- Display error message

- Select reservation to cancel
- Send cancel request
- Update reservation status
- Confirm cancellation
- Notify cancellation result
- Display updated list

7.Admin Panel Management

Admin adds/edits rooms,

 updates availability,

*and monitors bookings

realisation

And in this last step, we put all the elements together to get the site that we will show you next

Le Site En Action

Now, let's move on to discover the key features of our site such as: registration, login, resort booking and management dedicated to administrators

Conclusion
&
Prospectives

- Computerization, a necessity for every company

- The adoption of digital technologies essential for business growth and competitiveness

- Companies that don't adapt to digital will struggle to survive.

WHY CHOOSE OUR SITE AND NOT ANOTHER?
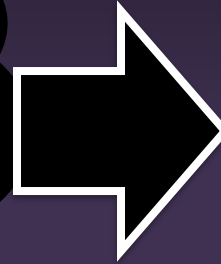
All complex in ONE site web
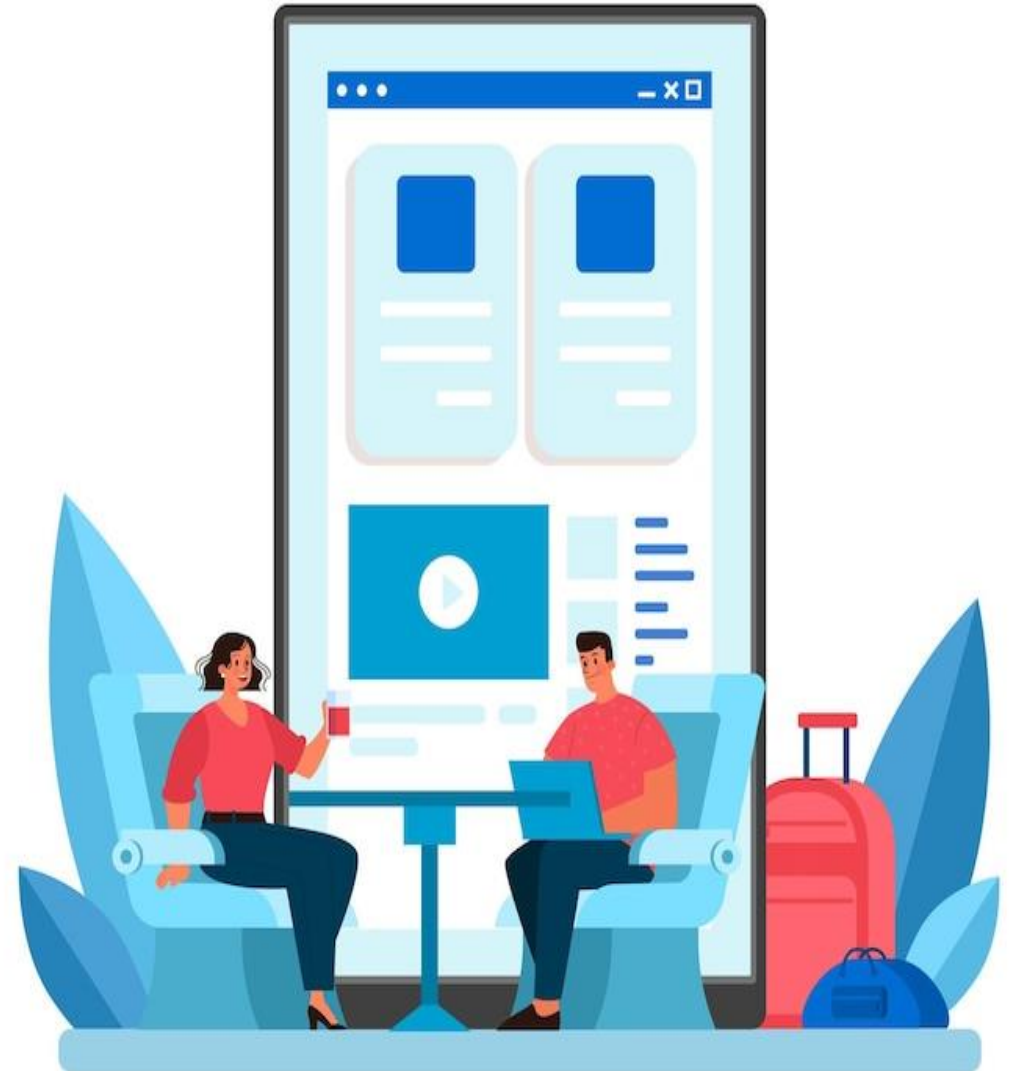
Easy to use it Booking in one click

Fast to book a complex

Thank you for your attention and your, we are ready to answer your questions.