

**VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT.**

**Third Year  
Bachelor of Computer Application (T.Y.B.C.A.)**

**Semester - V**



**Vimal Tormal Poddar BCA College  
Pandesara, Surat.**

**Minor Project  
On  
Zoo Management System**

**AS A PARTIAL REQUIREMENT FOR  
Subject: 501-01 (Advanced Web Designing)**

**YEAR: 2023-24**

**Submitted by:**

Roll No : B-52

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**Guided by:  
Dr. Pooja Panchal**

**VIMAL TORMAL PODDAR BCA COLLEGE**

**BACHELOR  
OF  
COMPUTER APPLICATION  
B.C.A**

**Certificate**

This is to certify that \_\_\_\_\_ **Mahesh Vala**

Seat No. **3128** has satisfactorily completed his software computer Practical Work in **PAPER NO. 501-01 – Advanced Web Designing** for the **SEMESTER - 5** during the academic year **2023-2024**.

Date : \_\_\_\_\_

Teacher-In-Charge



Explore the Wild!

BY

**Mahesh Vala**

[www.maheshvala.in](http://www.maheshvala.in)

# ACKNOWLEDGEMENT

I would like to express my sincere gratitude for the successful completion of the Safari Project, a Zoo Management Website. This project marks a significant milestone in my journey toward enhancing the user experience and streamlining zoo management operations.

I extend my heartfelt appreciation to all those who supported and guided me throughout the project's development. Their invaluable feedback and insights have been instrumental in shaping the website's features and functionality.

Last but not least, I am deeply thankful to the users of the Safari website, whose enthusiasm and interest in wildlife conservation have inspired me to create a platform that offers an immersive and educational experience.

This project stands as a testament to the power of dedication and innovation, and I am proud of the effort that has gone into its success. Together, we have created a platform that not only simplifies zoo management but also enriches the connection between people and wildlife.

Thank you all for your invaluable support and encouragement during the Safari Project.

Sincerely,



Mahesh Vala

# ABSTRACT

The Safari Zoo Management System is a user-centered platform designed to revolutionize the wildlife experience. With two primary panels, User and Admin, it simplifies visitor interaction and streamlines zoo operations.

In the User Panel, visitors can register, access precise zoo timings, navigate via interactive maps, search for animals, and book tickets online. The system enhances the visitor journey.

The Admin Panel empowers zoo administrators with efficient animal management tools and insightful visitor reports, facilitating data-driven decision-making.

Safari Zoo Management System fosters a deeper connection between visitors and wildlife while optimizing zoo operations.

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# PROJECT PROFILE

<b>Project Name</b>	SAFARI
<b>Project Author</b>	Mahesh Vala
<b>Recipient</b>	Dr. Pooja Panchal
<b>Project Type</b>	Web Application

## ► Technologies Used

- **Frontend:** HTML, CSS, jQuery
- **Responsive Design:** Bootstrap
- **Backend:** PHP
- **Database:** MySQL

## ► System Requirements

- **Hardware:**
  - Computer or Smartphone
  - Processor: Dual-core processor or higher
  - RAM: 1 GB or higher
- **Software:**
  - **Web Browsers:**
    - Google Chrome (latest version)
    - Mozilla Firefox (latest version)
    - Microsoft Edge (latest version)
    - Apple Safari (latest version)
- **Internet Connection:**

# PROBLEM STATEMENT

Before the introduction of the Safari Zoo Management System, purchasing tickets for the zoo was an arduous and time-consuming process, characterized by long queues and limited accessibility. Visitors often faced the following challenges:

**Inconvenient Queues:** Visitors had to endure long queues at the zoo's ticket counters, resulting in extended waiting times and frustration.

**Limited Ticketing Options:** The absence of an online ticketing system meant that visitors had only one way to obtain tickets, making it difficult for those unable to visit the zoo in person.

**Lack of Information:** Visitors had limited access to real-time information about zoo timings and exhibits, making it challenging to plan their visits effectively.

**Manual Ticket Issuance:** Ticket issuance was a manual process, prone to errors and inefficiencies, often leading to incorrect ticket information.

**Visitor Discomfort:** The lengthy ticketing process often resulted in visitor discomfort, impacting their overall zoo experience and discouraging repeat visits.

# INTRODUCTION

The Safari Zoo Management System is a pioneering web application designed to elevate the wildlife experience for both visitors and administrators. Developed by Mahesh Vala, this project presents a user-centric platform that reimagines how individuals interact with zoo environments.

At its core, the Safari Zoo Management System is a comprehensive web application that seamlessly integrates various technologies, including HTML, CSS, jQuery for frontend development, and PHP for robust backend functionality. To ensure an intuitive and responsive design, Bootstrap is employed for creating a user-friendly interface.

This project is tailored to meet the needs of zoo administrators and visitors alike. It facilitates effortless user registration and login, enabling visitors to access crucial information such as precise zoo timings, interactive maps, and a comprehensive animal database. Additionally, guests can conveniently book tickets online, eliminating the need for cumbersome on-site processes.

On the administrative front, the system empowers zoo managers with efficient tools for animal management. Zoo administrators can effortlessly update and modify animal information, ensuring that visitors receive accurate and up-to-date details about the wildlife exhibits. Moreover, the system generates insightful reports, categorizing visitors by age groups (children, adults, and seniors) and tracking total revenue. This data-driven approach enhances decision-making and contributes to a more efficient and visitor-centric zoo management.

The Safari Zoo Management System represents a significant step forward in redefining the visitor experience while simplifying the operational complexities of zoo management. With a user-friendly interface, responsive design, and comprehensive features, this project strives to foster a deeper connection between people and wildlife, making it an exciting journey into the wild.

# SCOPE & OBJECTIVE

## ► Scope

**Comprehensive User Experience:** The system aims to provide a comprehensive and engaging experience for zoo visitors, with an interactive UI and UX that enhances their interaction with wildlife exhibits and zoo facilities.

**Efficient Animal Database:** Users will have access to an extensive animal database, categorized by species, habitats, and unique characteristics, enabling them to explore and learn about the diverse wildlife.

**Precise Information Access:** Visitors can easily access precise zoo timings, facilitating efficient trip planning and a seamless visit experience.

**Interactive Navigation:** The system incorporates interactive maps to assist visitors in navigating the zoo grounds, finding exhibits, amenities, and attractions effortlessly.

**Streamlined Ticketing:** Users can conveniently book tickets online, reducing on-site waiting times and receiving digital tickets via email for added convenience.

**Effective Animal Management:** For administrators, the system offers efficient tools to manage the zoo's animal information, ensuring that visitors receive accurate and up-to-date details.

**Data-Driven Insights:** Administrators can generate insightful reports that categorize visitors by age groups (child, adult, senior) and track total revenue, facilitating informed decision-making.

# SCOPE & OBJECTIVE

## ► Objective

**Enhanced Visitor Engagement:** To engage zoo visitors through an immersive and interactive user interface (UI) and user experience (UX), encouraging a deeper connection with wildlife and fostering education.

**Operational Efficiency:** To streamline zoo operations by providing administrators with efficient animal management tools, online ticketing capabilities, and data analytics for resource optimization.

**Information Accuracy and Currency:** To ensure that visitors have access to the most accurate and up-to-date information about the animals in the zoo, contributing to wildlife awareness and conservation efforts.

**Effortless Ticketing:** To offer an online ticket booking system that enhances the visitor experience by reducing waiting times and simplifying ticketing processes.

**Informed Decision-Making:** To provide administrators with data-driven insights that aid in optimizing zoo operations, marketing strategies, and visitor engagement initiatives.

**Cross-Platform Accessibility:** To make the system accessible and compatible with a wide range of web browsers and devices, ensuring inclusivity and user reach.

**Tailored Visitor Services:** To track and categorize visitors by age groups, enabling the development of tailored offerings, promotions, and educational programs for diverse demographics.

# MODULES

## ► Login and Registration

**Registration:** This module allows new users to create accounts easily. Users are required to provide their username, email, password, gender, age, and city during registration.

**Login:** Registered users can log in using their email and password credentials, granting them access to the system's features and functionalities.

## ► Home Page

**Interactive Design:** The index module serves as the main entry point for visitors. It offers an interactive and visually appealing design that provides easy navigation to various sections of the system.

**Zoo Services:** Visitors can access information about the zoo's services, amenities, and facilities, enhancing their overall experience.

**Maps and Timings:** The module includes interactive maps of the zoo grounds, helping visitors navigate to exhibits, amenities, and attractions. Precise zoo timings are also provided for efficient trip planning.

## ► Animal Module

**Animal Information:** This module offers a comprehensive catalog of zoo animals, complete with images, detailed information, and engaging descriptions. Visitors can explore the diverse wildlife inhabiting the zoo.

**Search Functionality:** To enhance the user experience, a search feature is integrated, enabling visitors to quickly locate specific animals based on species, habitat, or unique characteristics.

# MODULES

## ► Ticket Module

**Ticket Purchase:** In this module, visitors have the convenience of purchasing tickets for children, adults, and seniors, catering to diverse visitor demographics.

**Payment Processing:** Users can make secure payments using their credit or debit cards, ensuring a seamless and cashless transaction process.

**Email Confirmation:** After successful ticket purchase, visitors receive email confirmations containing essential details about their bookings, enhancing convenience and reducing the need for physical tickets.

## ► Admin Panel

**Insightful Data:** The admin panel provides administrators with valuable insights and statistics related to zoo visitors, including data categorized by age groups (child, adult, senior) and total revenue generated. These insights support data-driven decision-making.

**Animal Management:** Administrators have the capability to manage the zoo's animal database efficiently. They can add, update, or remove animal information, ensuring that visitors receive accurate and up-to-date details.

**Admin Account Management:** The module also facilitates the administration of admin accounts, allowing for secure and controlled access to system features and functionalities.

# MODEL USED

The Waterfall Model is a well-suited choice for software development projects under specific circumstances. Firstly, it shines when project requirements are meticulously defined and remain relatively stable throughout development. This methodology thrives on the concept of having a clear project scope and objectives from the outset, enabling a systematic and structured approach to project execution. Secondly, the Waterfall Model is favored when clients prefer minimal involvement during the development process and are comfortable with a review of the final product at project completion. It caters to situations where clients place trust in the initial requirements and the development team's capability to deliver a product that aligns closely with these specifications.

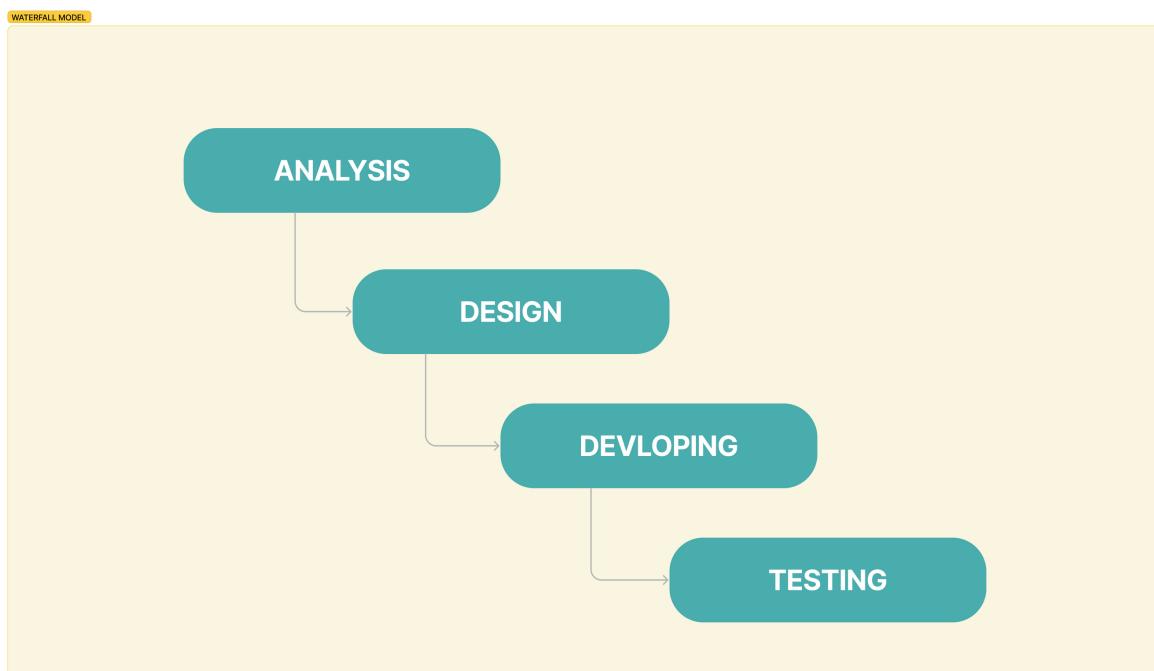


Figure 1: Waterfall Model

# MODEL USED

## ► Analysis Phase

**Requirement Gathering:** This phase begins with gathering and documenting all the requirements for the system, including user needs, features, and functionality. It involves discussions with stakeholders to understand their expectations.

**Feasibility Study:** A feasibility study is conducted to assess the practicality and viability of the project, considering factors like technical feasibility, financial feasibility, and operational feasibility.

**System Design:** During this phase, high-level system architecture and data structures are outlined. This includes defining the database structure, user interfaces, and the overall system flow.

**Use Case Diagrams:** Use case diagrams are created to visualize how different actors (users and administrators) interact with the system and what actions they can perform.

## ► Design Phase

**User Interface Design:** Detailed user interface (UI) designs are created, considering user experience (UX) principles. Mockups and prototypes are often developed to visualize the final look and feel of the system.

**Database Design:** The database schema is designed, specifying tables, fields, relationships, and data constraints. It ensures efficient data storage and retrieval.

**System Architecture:** Detailed technical architecture is developed, including the selection of technologies, frameworks, and platforms for both frontend and backend development.

# MODEL USED

## ► Development Phase

**Frontend Development:** Development of the user interface using technologies like HTML, CSS, and JavaScript/jQuery. It includes creating web pages for user registration, login, interactive maps, and animal displays.

**Backend Development:** Building the backend logic using PHP for server-side processing. This includes user authentication, animal management, ticket booking, and email confirmation functionality.

**Database Implementation:** The database design is implemented using MySQL to store user data, animal information, and transaction records.

**Integration:** Frontend and backend components are integrated to ensure seamless communication and data flow between them.

## ► Testing Phase

**Unit Testing:** Individual components, such as user registration, login, and animal display, are tested to ensure they work as expected in isolation.

**Integration Testing:** The interaction between different modules is tested to verify that data flows correctly between them.

**Functional Testing:** The system's functionality is thoroughly tested, including user registration, login, animal search, ticket booking, payment processing, and email confirmation.

**User Acceptance Testing (UAT):** Real users, including administrators and visitors, participate in testing to ensure the system meets their requirements and is user-friendly.

**Bug Fixing:** Any identified issues or bugs are addressed and fixed during the testing phase.

# DATA FLOW DIAGRAM

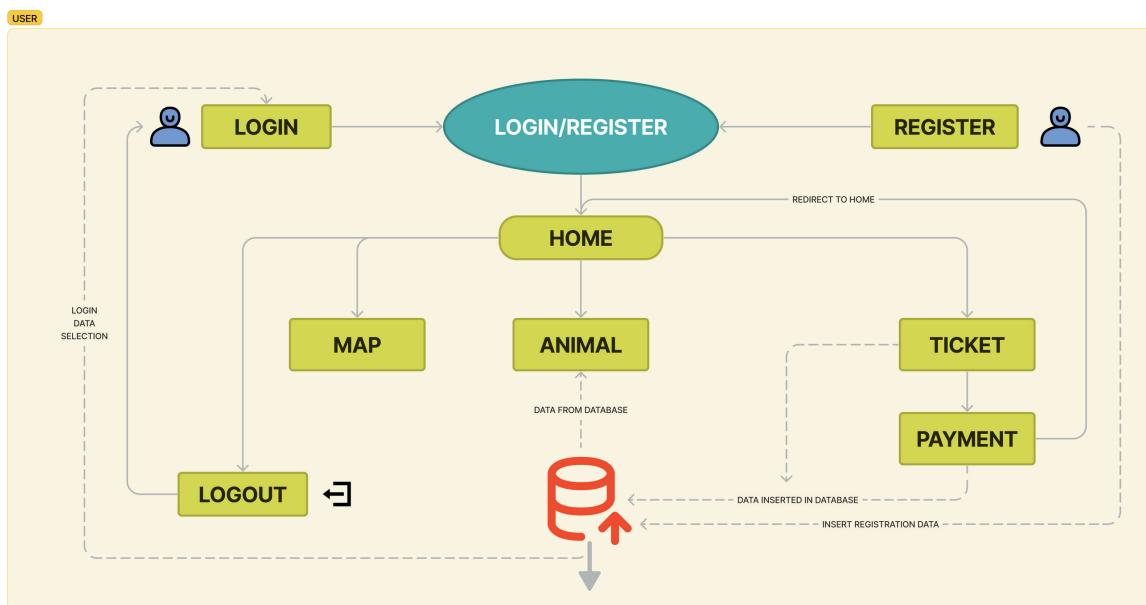


Figure 2.1: User DFD

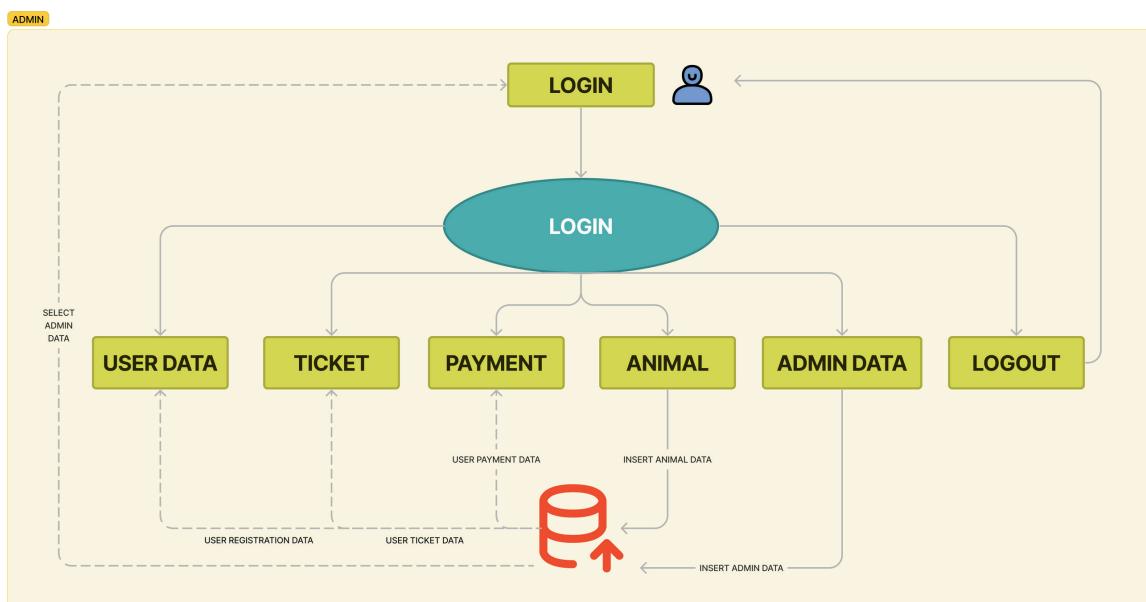


Figure 2.2: Admin DFD

# DATA DICTIONARY

## ► Register Table

Field Name	Data Type	Field Length	Constraint	Description
id	int	11	Primary Key	Auto Increment id
name	text	50	Not null	Name of User
email	text	50	Not null	Valid Email of User
password	text	50	Not null	Strong Password
gender	text	50	Not null	Preferable Gender
age	int	50	Not null	Age of User
city	text	50	Not null	City of User

## ► Ticket Table

Field Name	Data Type	Field Length	Constraint	Description
name	varchar	50	Not null	User Registered Name
email	varchar	50	Not null	User Registered Email
child	varchar	50	Not null	No. of Child
adult	varchar	50	Not null	No. of Adult
senior	varchar	50	Not null	No. of Senior
date	varchar	50	Not null	Selected Date of Visit
total	varchar	50	Not null	Total Amount

# DATA DICTIONARY

## ► Card Table

Field Name	Data Type	Field Length	Constraint	Description
email	varchar	50	Not null	User Registered Email
number	varchar	50	Not null	Payment Card Number
name	varchar	50	Not null	Card Holder Name
expiry	varchar	50	Not null	Card Expiry Date
cvc	varchar	50	Not null	Card CVV Code

## ► Animal Table

Field Name	Data Type	Field Length	Constraint	Description
id	int	11	🔑Primary Key	Auto Increment ID
name	varchar	50	Not null	Name of Animal
weight	varchar	50	Not null	Weight of Animal
height	varchar	50	Not null	Height of Animal
habitat	varchar	50	Not null	Habitat of Animal
diet	varchar	50	Not null	Diet of Animal
range	varchar	50	Not null	Range of Animal
desc	varchar	500	Not null	Description of Animal
img	varchar	50	Not null	Animal Image Name

# DATA DICTIONARY

## ► Admin Table

Field Name	Data Type	Field Length	Constraint	Description
id	varchar	50	Primary Key	Admin's Admin ID
pass	varchar	50	Not null	Admin's ID Password

# SCREEN LAYOUT

## ► REGISTER PAGE

**REGISTER**

Name  Email

Password  Confirm Password

Male  Female

Age  City

**Register** **Clear**

Already registered? [Login](#)

## ► LOGIN PAGE

**Login**

Email

Password

**Login** **Clear**

New user? [Register](#)

# SCREEN LAYOUT

## ► HOME PAGE

**SAFARI**

Home Login Register Map Animals Logout Ticket

Welcome Visitor to **SAFA**

Explore the world of exotic animals, thrilling adventures, and unforgettable memories. Get ready for an exciting journey into the wild and witness the beauty of nature like never before!

[Explore >](#)



**WILD WONDERs**

Embark on an extraordinary journey through Safari, where you can marvel at Earth's remarkable biodiversity. Delve into the heart of the majestic African Savannah, where powerful lions reign as kings of the wilderness, their regal presence testament to nature's grandeur.

[Animals >](#)

 27+ Species	 30 ac Zoo Area	 16 k Visitor	 8+ Wild Life Saved
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# SCREEN LAYOUT

## ► HOME PAGE

## SPECIES

• • • • • • • •

📞 Call for more info  
**+91 98765 43210**

**Special Services For**  
**SAFARI** Visitors

<b>Car Parking</b>	<b>Animal Photos</b>	<b>Guide Services</b>	<b>Food &amp; Beverages</b>
Convenient and secure car parking facilities available for our safari visitors.	Capture memorable moments with our amazing animals through photography.	Knowledgeable guides to enhance your safari experience with insights and information.	Enjoy a variety of dining options, including delicious meals and refreshments.

**Zoo Shopping**

Explore our unique gift shops for souvenirs and wildlife-themed items.

**Free Hi-Speed Wi-Fi**

Stay connected with fast, complimentary Wi-Fi during your visit.

**Playground**

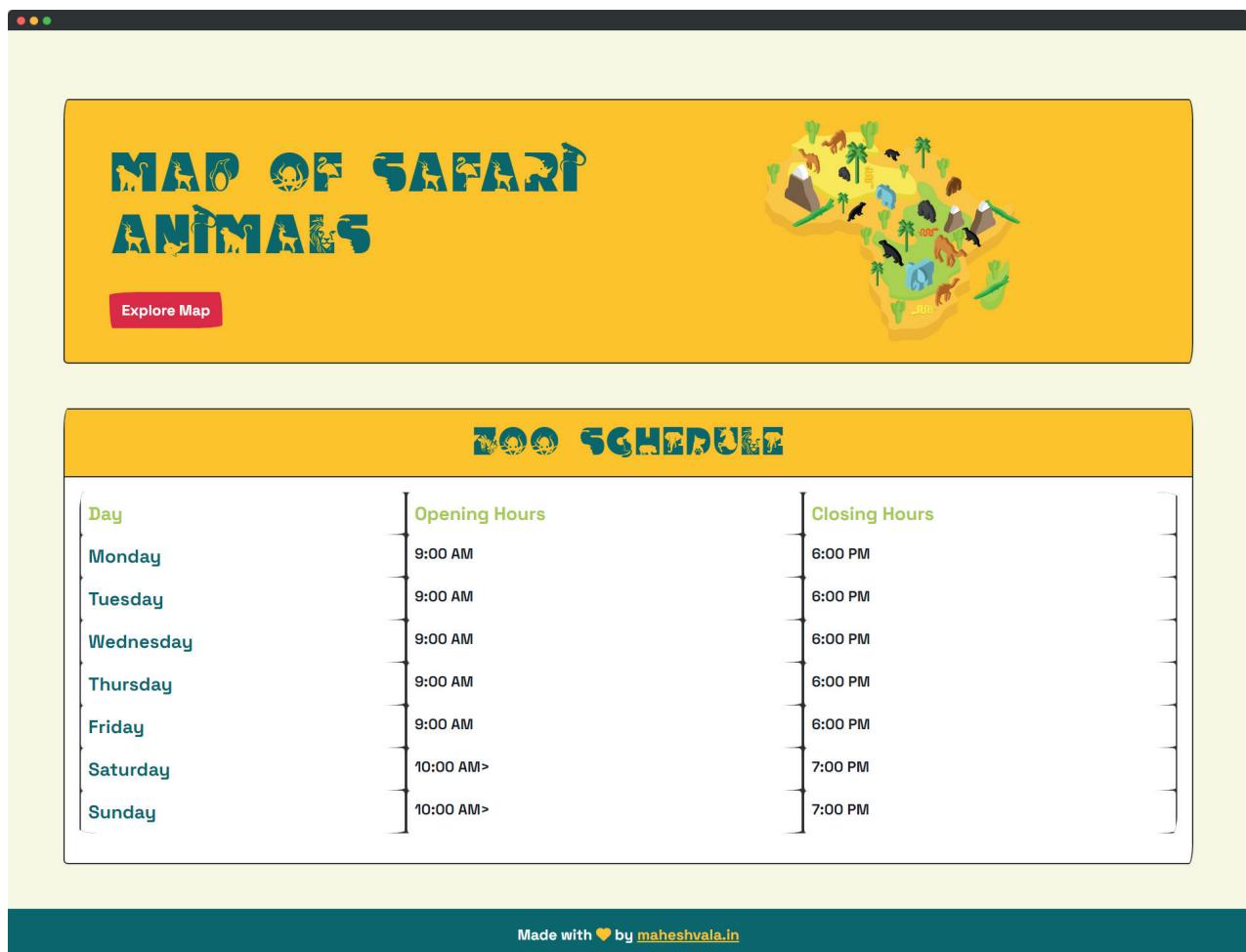
Experience the delight of fun, safe play areas for children during your zoo visit.

**Rest House**

Rest in our comfortable rest houses during your exciting safari adventure.

# SCREEN LAYOUT

## ► HOME PAGE



A screenshot of a web application interface. At the top, there's a yellow header bar with the text "MAP OF SAFARI ANIMALS" in blue and a small "Explore Map" button. To the right of the text is a colorful map of Africa with various animals like lions, elephants, and birds represented by icons. Below this is a larger section titled "ZOO SCHEDULE" in green. It contains a table with three columns: "Day" (listing Monday through Sunday), "Opening Hours" (showing times from 9:00 AM to 10:00 AM+), and "Closing Hours" (showing times from 6:00 PM to 7:00 PM). At the bottom of the main content area is a dark teal footer bar with the text "Made with ❤ by [maheshvala.in](#)".

Day	Opening Hours	Closing Hours
Monday	9:00 AM	6:00 PM
Tuesday	9:00 AM	6:00 PM
Wednesday	9:00 AM	6:00 PM
Thursday	9:00 AM	6:00 PM
Friday	9:00 AM	6:00 PM
Saturday	10:00 AM>	7:00 PM
Sunday	10:00 AM>	7:00 PM

# SCREEN LAYOUT

## ► ANIMAL PAGE

**SAFARI**

Home Login Register Map Animals Logout Ticket

**ANIMALS**

Search



**AFRICAN ELEPHANT**

**Weight:** Up to 6,000 kg  
**Height:** Up to 3.5 meters  
**Habitat:** Savannahs and forests of Africa  
**Main Diet:** Herbivore  
**Range:** Various African countries

The African elephant is the largest land animal on Earth and is known for its long trunk and large ears.



**GIANT PANDA**

**Weight:** 70 to 160 kg  
**Height:** Up to 1.2 meters  
**Habitat:** Bamboo forests in China  
**Main Diet:** Herbivore (primarily bamboo)  
**Range:** China

The giant panda is an iconic symbol of conservation efforts and is known for its distinctive black and white fur.



**LION**

**Weight:** 120 to 190 kg  
**Height:** About 1.2 meters  
**Habitat:** Grasslands and savannahs of Africa  
**Main Diet:** Carnivore  
**Range:** Sub-Saharan Africa

Lions are known as the "King of the Jungle" and are famous for their social behavior in prides.



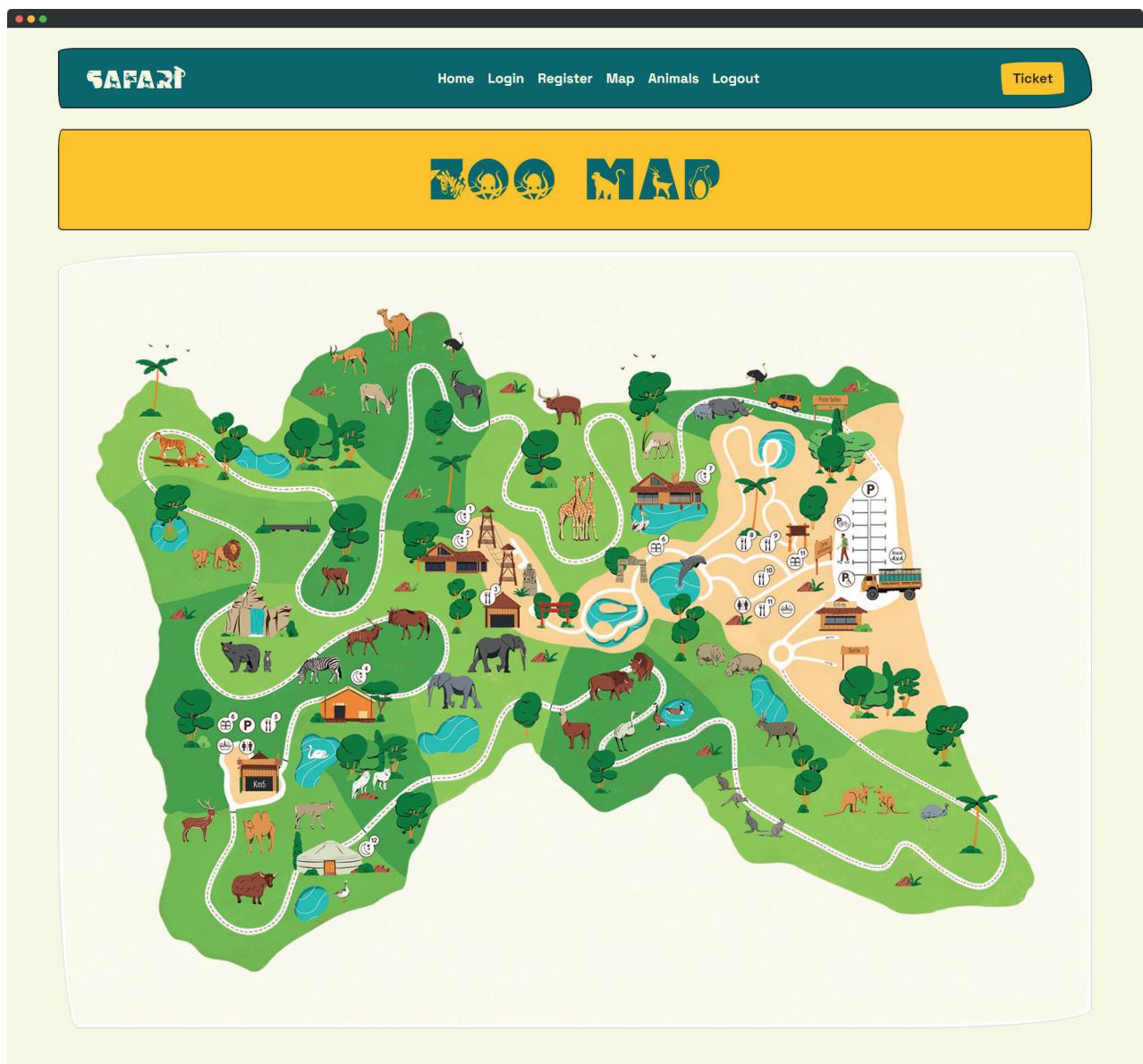
**GREAT WHITE SHARK**

**Weight:** Up to 2,200 kg  
**Height:** Up to 6 meters  
**Habitat:** Oceans worldwide  
**Main Diet:** Carnivore  
**Range:** Global

Great white sharks are powerful predators known for their large size and fearsome reputation.

# SCREEN LAYOUT

## ► MAP PAGE



# SCREEN LAYOUT

## ► TICKET PAGE

The screenshot shows the 'ZOO TICKET PRICING' section of the website. It features three categories: 'Child' (₹ 150 per person), 'Adult' (₹ 250 per person), and 'Senior' (₹ 200 per person). Below this is the 'ZOO TICKET' form, which includes fields for Name (Mahesh Vala), Email (valamahesh2003@gmail.com), and three dropdowns for Child (0), Adult (0), and Senior (0) counts. There are also fields for Date (dd-mm-yyyy) and Total (0). At the bottom are 'Buy' and 'Clear' buttons.

Category	Price
Child	₹ 150 per person
Adult	₹ 250 per person
Senior	₹ 200 per person

**ZOO TICKET**

Name: Mahesh Vala      Email: valamahesh2003@gmail.com

Child: - 0 +      Adult: - 0 +      Senior: - 0 +

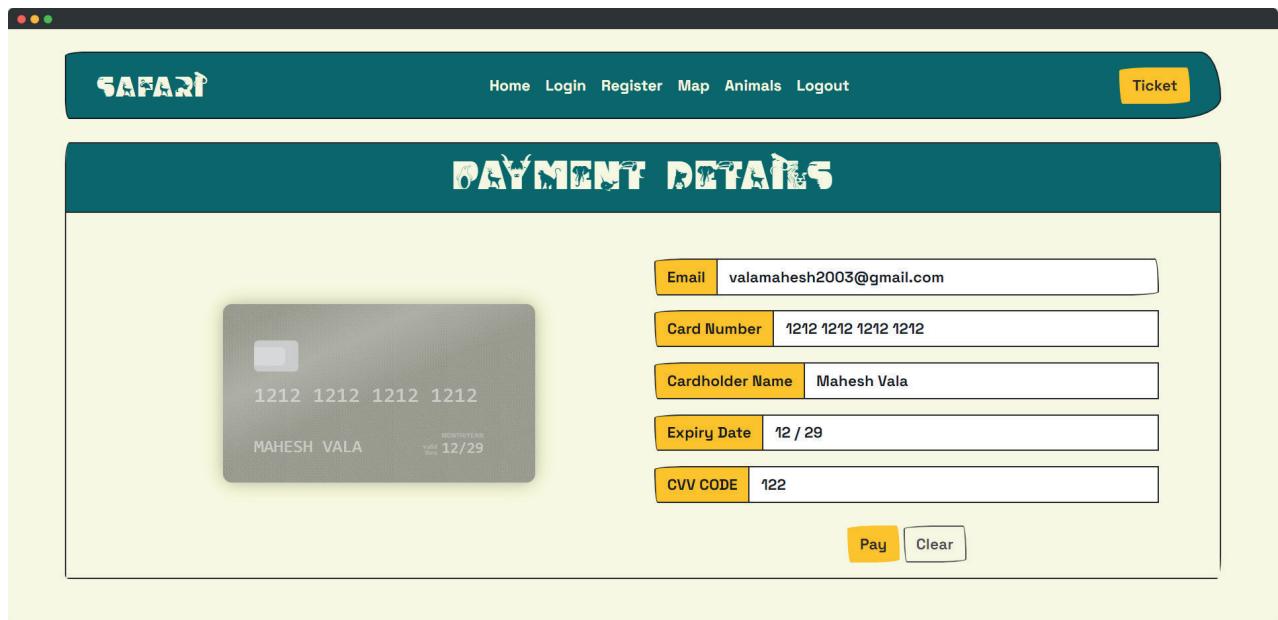
Date: dd-mm-yyyy      Total: 0

**ZOO TICKET**

Buy      Clear

# SCREEN LAYOUT

## ► PAYMENT PAGE



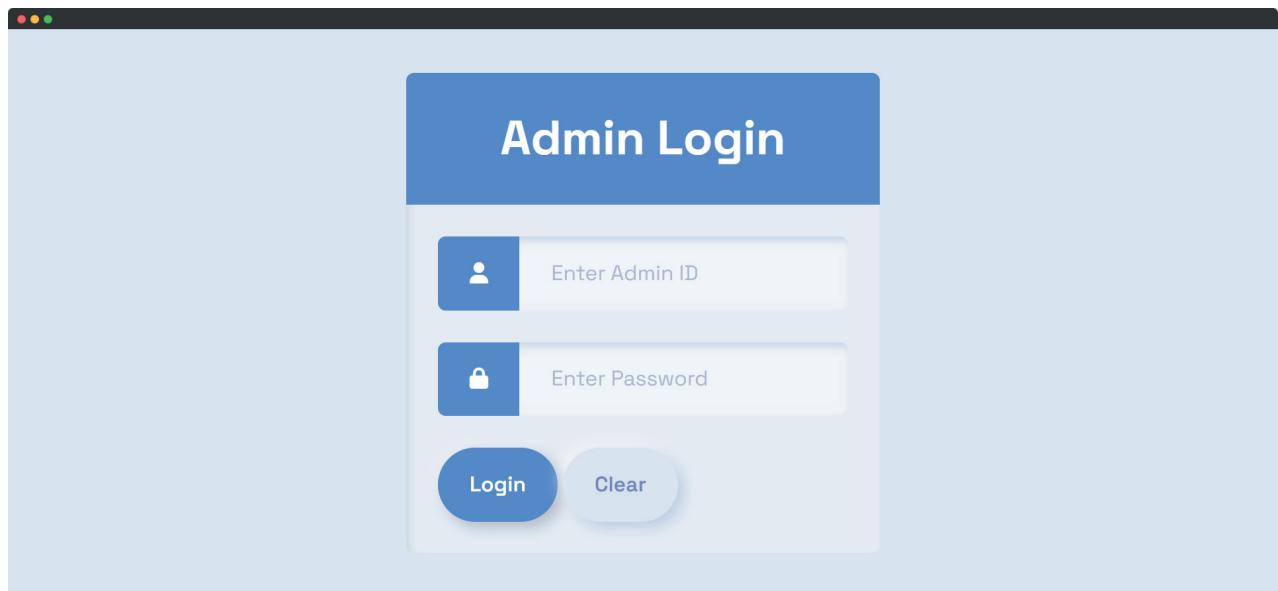
The screenshot shows a web browser window for the "SAFARI" website. The header includes the "SAFARI" logo, navigation links (Home, Login, Register, Map, Animals, Logout), and a "Ticket" button. The main content area has a teal header bar with the text "PAYMENT DETAILS". Below it is a form for entering payment information. On the left is a placeholder image of a credit card with the number 1212 1212 1212 1212 and the name MAHESH VALA. To the right are five input fields with labels and values:

Email	valamahesh2003@gmail.com
Card Number	1212 1212 1212 1212
Cardholder Name	Mahesh Vala
Expiry Date	12 / 29
CVV CODE	122

At the bottom right of the form are two buttons: "Pay" (yellow) and "Clear" (white).

# SCREEN LAYOUT

## ► ADMIN LOGIN PAGE



# SCREEN LAYOUT

## ► ADMIN HOME PAGE

User Data Ticket Payment Animal Data Admin Data Logout

### USER DATA

ID	Name	Email	Password	Gender	Age	City
120001	Aarav Sharma	aarav.sharma@example.com	1234567890	Male	28	Delhi
120002	Isha Patel	isha.patel@example.com	1234567890	Female	35	Mumbai
120003	Rajesh Singh	rajesh.singh@example.com	1234567890	Male	45	Bangalore
120004	Divya Gupta	divya.gupta@example.com	1234567890	Female	22	Chennai
120005	Sachin Verma	sachin.verma@example.com	1234567890	Male	29	Kolkata
120006	Ananya Kumar	ananya.kumar@example.com	1234567890	Female	26	Hyderabad
120007	Nikhil Sharma	nikhil.sharma@example.com	1234567890	Male	32	Pune
120008	Riya Yadav	riya.yadav@example.com	1234567890	Female	24	Jaipur
120009	Manish Pandey	manish.pandey@example.com	1234567890	Male	40	Lucknow
120010	Aditi Mishra	aditi.mishra@example.com	1234567890	Female	29	Patna

Showing 1 to 10 of 96 entries

Previous 1 2 3 4 5 ... 10 Next

# SCREEN LAYOUT

## ► ADMIN TICKET PAGE

Screenshot of the Admin Ticket Page:

The page features a navigation bar with tabs: User Data, **Ticket**, Payment, Animal Data, Admin Data, and Logout.

Key statistics are displayed in four boxes:

- Total Child: 91
- Total Adult: 162
- Total Senior: 112
- Total Revenue: ₹ 76550

A large yellow header "TICKET DATA" is centered above a data table.

The table has the following columns: Name, Email, Child, Adult, Senior, Date, and Total.

Name	Email	Child	Adult	Senior	Date	Total
Aarav Mehta	aarav.mehta@example.com	1	3	1	2023-10-08	1100
Aarav Mehta	aarav.mehta@example.com	0	4	1	2023-11-01	1200
Aarav Sharma	aarav.sharma@example.com	1	2	3	2023-09-15	1250
Aditi Mishra	aditi.mishra@example.com	2	1	2	2023-09-24	950
Aditi Mishra	aditi.mishra@example.com	0	4	1	2023-10-23	1200
Aditi Mishra	aditi.mishra@example.com	2	2	1	2023-11-14	1000
Akshay Kumar	akshay.kumar@example.com	1	3	2	2023-09-25	1300
Akshay Kumar	akshay.kumar@example.com	3	1	1	2023-10-19	900
Akshay Kumar	akshay.kumar@example.com	0	4	1	2023-11-10	1200
Amit Singh	amit.singh@example.com	2	1	3	2023-10-02	1150

Showing 1 to 10 of 70 entries

Navigation: Previous, 1, 2, 3, 4, 5, 6, 7, Next

# SCREEN LAYOUT

## ► ADMIN PAYMENT PAGE

Screenshot of the Admin Payment Page showing a table of payment data.

The page has a navigation bar with tabs: User Data, Ticket, **Payment**, Animal Data, Admin Data, and Logout.

The main content area is titled **PAYMENT DATA**.

Table columns: Email, Card Number, Cardholder Name, Expiry Date, CVV CODE.

Table data:

Email	Card Number	Cardholder Name	Expiry Date	CVV CODE
aarav.mehta@example.com	6789 0123 4567 8901	Aarav Mehta	04 / 45	345
aarav.sharma@example.com	1212 1212 1212 1212	Aarav Sharma	12 / 23	121
aditi.gupta@example.com	4321 8765 2109 8765	Aditi Gupta	08 / 78	678
aditi.mishra@example.com	9012 3456 7890 1234	Aditi Mishra	01 / 32	012
aditi.rajput@example.com	2345 6789 0123 4567	Aditi Rajput	08 / 68	678
aditi.reddy@example.com	5432 1098 7654 3210	Aditi Reddy	08 / 46	456
aditi.sharma@example.com	5678 1234 9876 5432	Aditi Sharma	02 / 91	901
akshay.kumar@example.com	6789 0123 4567 8901	Akshay Kumar	08 / 33	123
amit.singh@example.com	1234 5678 9012 3456	Amit Singh	02 / 40	890
amit.yadav@example.com	1234 5678 9012 3456	Amit Yadav	09 / 57	567

Showing 1 to 10 of 74 entries

Navigation: Previous, 1, 2, 3, 4, 5, ..., 8, Next

# SCREEN LAYOUT

## ► ADMIN ANIMAL PAGE

User Data   Ticket   Payment   **Animal Data**   Admin Data   Logout

### ADD ANIMAL

	Animal Name		Weight
	Height		Habitat
	Main Diet		Range
	Description		Choose File   No file chosen

**Add**   **Clear**

### ANIMAL DATA

Show 10 entries   Search:

ID	Name	Weight	Height	Habitat	Main Diet	Range	Description	Image	Action
1	African Elephant	Up to 6,000 kg	Up to 3.5 meters	Savannahs and forests of Africa	Herbivore	Various African countries	The African elephant is the largest land animal on Earth and is known for its long trunk and large ears.		
2	Giant Panda	70 to 160 kg	Up to 1.2 meters	Bamboo forests in China	Herbivore (primarily bamboo)	China	The giant panda is an iconic symbol of conservation efforts and is known for its distinctive black and white fur.		
3	Lion	120 to 190 kg	About 1.2 meters	Grasslands and savannahs of Africa	Carnivore	Sub-Saharan Africa	Lions are known as the "King of the Jungle" and are famous for their social behavior in prides.		
4	Great White Shark	Up to 2,200 kg	Up to 6 meters	Oceans worldwide	Carnivore	Global	Great white sharks are powerful predators known for their large size and fearsome reputation.		
5	Giraffe	800 to 1,400 kg	Up to 5.5 meters	Savannahs and woodlands of Africa	Herbivore	Sub-Saharan Africa	Giraffes are recognized for their long necks and unique spotted patterns.		
6	Polar Bear	350 to 700 kg	About 1.6 meters	Arctic region, sea ice, and coastlines	Carnivore	Arctic Circle	Polar bears are well-adapted to cold climates and are excellent swimmers.		

# SCREEN LAYOUT

## ► ADMIN'S ADMIN PAGE

The screenshot shows a web-based application interface for managing administrative users.

**Top Navigation:** User Data, Ticket, Payment, Animal Data, **Admin Data** (highlighted in blue), Logout.

**ADD ADMIN Form:**

- Fields: Enter Admin ID (with user icon), Enter Password (with lock icon).
- Buttons: Add (blue), Clear (light blue).

**ADMIN DATA Table:**

Admin ID	Password	Action
1001	1234	
1002	1234	
1003	1234	

Show 10 entries, Search:

Showing 1 to 3 of 3 entries, Previous, 1, Next.

# BIBLIOGRAPHY

## ► WEBSITES

### Bootswatch

- **Website:** [Bootswatch](#)
- **Description:** Bootswatch offers a collection of free, open-source themes for Bootstrap, allowing web developers to easily customize the look and feel of their websites.

### Slidesgo

- **Website:** [Slidesgo](#)
- **Description:** Slidesgo provides a wide range of free, professionally designed presentation templates for creating stunning slideshows and presentations.

### ChatGPT

- **Website:** [ChatGPT](#)
- **Description:** ChatGPT is a language model powered by OpenAI, offering natural language understanding and generation capabilities for chatbots, virtual assistants, and more.

### Canva

- **Website:** [Canva](#)
- **Description:** Canva is a user-friendly graphic design platform that enables users to create a variety of visual content, including social media graphics, presentations, and more.

# BIBLIOGRAPHY

## ► LIBRARIES

### Typed.js

- **GitHub Repository:** [Typed.js on GitHub](#)
- **Description:** Typed.js is a JavaScript library that creates animated typing effects on web pages, making text come to life.

### SlickSlider

- **GitHub Repository:** [Slick Carousel on GitHub](#)
- **Description:** SlickSlider is a responsive carousel/slider library for creating interactive and mobile-friendly image sliders and carousels.

### CounterUp

- **GitHub Repository:** [CounterUp2 on GitHub](#)
- **Description:** CounterUp is a lightweight jQuery plugin that adds animated counting functionality to numerical elements on web pages.

### PHPMailer

- **GitHub Repository:** [PHPMailer on GitHub](#)
- **Description:** PHPMailer is a powerful and flexible PHP library for sending email messages via SMTP, providing a convenient way to integrate email functionality into web applications.

# FUTURE ENHANCEMENT

## ► Form Validation Refinement:

- Improve and refine form validation mechanisms to ensure data accuracy and user-friendly error messages.
- Implement real-time validation for fields such as email addresses, ensuring that users receive immediate feedback on their input.
- Enhance security by validating and sanitizing user inputs to prevent potential vulnerabilities.

## ► Ticket PDF Generation Enhancement

- Enhance the ticket generation module to provide more customizable and visually appealing PDF tickets.
- Include additional details on the PDF tickets, such as QR codes for easy scanning and access control.
- Allow users to personalize their tickets with optional customizations, such as background themes or personalized messages.

## ► Email Notification

- Enhance email notification functionality to provide visitors with timely updates, such as event notifications or special offers.
- Enable users to choose their email notification preferences, ensuring they receive relevant information.
- Implement email tracking and analytics to measure the effectiveness of email campaigns.

# CONCLUSION

In the ever-evolving landscape of zoo management and visitor engagement, the SAFARI Zoo Management System stands as a testament to innovation and continuous improvement. Throughout this documentation, we've explored the system's capabilities, its user-friendly features, and its potential for growth and enhancement.

As we conclude our journey through this documentation, it becomes evident that the SAFARI Zoo Management System is not just a static platform but a dynamic and adaptable solution. Its ability to refine form validation, provide dynamic timing and pricing options, and offer an interactive UI/UX demonstrates its commitment to delivering an exceptional visitor experience. These enhancements are more than just technological upgrades; they are a reflection of our dedication to ensuring that visitors can effortlessly plan their trips, access valuable information, and enjoy the zoo to the fullest.

In this ever-connected world, the SAFARI Zoo Management System is positioned not only to meet the needs of today's visitors but also to anticipate and embrace the evolving demands of the future. With a strong foundation built on user-centric principles, dynamic content management, and a commitment to accessibility and security, we embark on a journey of continuous improvement and innovation, promising an unforgettable and seamless experience for all who engage with our zoo.