**UNIVERSITY INSTITUTE OF COMPUTING**

**PROJECT REPORT**

**ON**

**BANKING MANAGEMENT SYSTEM**

Program Name: BCA

Subject Name/Code: Web Design (24CAH-153)

Submitted by: Submitted to:

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# Introduction

The "Big Five of Africa" web design project is a creative front-end development initiative showcasing Africa's majestic wildlife. The project focuses on delivering an engaging and visually appealing interface for users to explore the Big Five: Lion, Elephant, Leopard, Rhinoceros, and Buffalo. It demonstrates fundamental web design principles, including responsive layouts, vibrant imagery, and interactive navigation.

# Objective

The primary objectives of this project are:

* To apply foundational HTML, CSS, and JavaScript skills.
* To create an informative and user-friendly website about the Big Five.
* To demonstrate the use of links, headers, footers, and error handling pages.
* To design a project that is visually appealing and functional across devices.

## **Implementation**

## File Structure:

* index.html: The homepage with an introduction and links to individual animal pages.
* lion.html, elephant.html, etc.: Dedicated pages for each animal with detailed information and images
* 404.html: A custom error page for non-existent links.
* style.css: Stylesheet for consistent design and aesthetics.

## Key Features:

* **Navigation:** A consistent header and footer on every page.
* **Responsive Design:** Optimized for both desktop and mobile views.
* **Error Handling:** A custom 404 page with navigation to the homepage.
* **Interactive Links:** Smooth transitions and intuitive navigation.

Code Walkthrough

## Example Code from index.html:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Big Five of Africa</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<header>

<nav>

<ul>

<li><a href="index.html">Home</a></li>

<li><a href="lion.html">Lion</a></li>

<li><a href="elephant.html">Elephant</a></li>

<li><a href="leopard.html">Leopard</a></li>

<li><a href="rhino.html">Rhinoceros</a></li>

<li><a href="buffalo.html">Buffalo</a></li>

</ul>

</nav>

</header>

<main>

<h1>Welcome to the Big Five of Africa</h1>

<p>Explore Africa's iconic wildlife through this website.</p>

</main>

<footer>

<p>&copy; 2025 Big Five Web Project</p>

</footer>

</body>

</html>

## Example CSS from style.css:

body {

font-family: Arial, sans-serif;

margin: 0;

padding: 0;

background-color: #f4f4f4;

}

header nav ul {

list-style: none;

background-color: #333;

padding: 0;

margin: 0;

display: flex;

justify-content: center;

}

header nav ul li {

margin: 0 15px;

}

header nav ul li a {

text-decoration: none;

color: white;

font-weight: bold;

}

footer {

text-align: center;

padding: 10px;

background-color: #333;

color: white;

position: fixed;

width: 100%;

bottom: 0;

}

# Application

This project can be used as:

* An educational resource about African wildlife.
* A demonstration of web design and front-end development skills.
* A portfolio piece for showcasing creativity and technical ability.

# Strengths

* Engaging and visually appealing design.
* Easy navigation with a consistent layout.
* Clear and concise information presentation.
* Responsive design ensuring usability on various devices.

# Limitations

* Content is static and lacks dynamic functionality.
* Requires additional pages for a more comprehensive experience.
* Does not include backend support for database or user interaction.

Conclusion

The "Big Five of Africa" project showcases the application of HTML, CSS, and JavaScript to create an informative and visually appealing website. It reflects a solid understanding of front-end design principles while providing an engaging platform for users to explore Africa's wildlife. Future enhancements could include dynamic elements, animations, and database integration to elevate user experience further.

# Output



