Mohammed's Wild Haven

Lion | Monkey | Giraffe | Penguin

Team Member: Mohammed (solo, because I'm Batman...just kidding)

Live Demo

Project Description:

Mohammed has embarked on an ambitious endeavor, pouring his expertise into the creation of a comprehensive zoo website. With meticulous attention to detail, he has meticulously crafted four distinct web pages (HTML), each a dedicated showcase of the captivating beauty and wonder of animals commonly found in zoological gardens. These pages include:

1. Lion
2. Monkey
3. Giraffe
4. Penguin
5. Contacts (yes, an extra!)
6. Home Page (basically, the "index" file)

Requirements:

3.1 Business Requirements:

Mohammed, with his keen eye for detail and unwavering dedication, has meticulously crafted a captivating zoo website. With a clear objective of providing an immersive and informative online experience, Mohammed has painstakingly designed each element to cater to the diverse interests of visitors.

Central to Mohammed's vision is ensuring effortless access to the wealth of information available on the website's various animal pages. Through careful consideration of layout and navigation, Mohammed has curated an interface that seamlessly guides users through the virtual menagerie. This commitment to user accessibility not only simplifies the browsing experience but also underscores the website's overarching mission of delivering captivating content.

Beyond mere functionality, Mohammed's design choices serve to enhance the overall visitor experience. From the choice of fonts to the selection of colors and gradients, every aspect of the

Contact Me

website is thoughtfully curated to evoke a sense of wonder and curiosity about the animal kingdom. Whether users are browsing through articles or admiring stunning images, Mohammed's attention to detail ensures that each interaction leaves a lasting impression.

In essence, Mohammed's zoo website transcends its digital confines to become a gateway to the natural world. By fostering seamless navigation and delivering engaging content, Mohammed invites visitors on a journey of exploration and discovery, igniting a deeper appreciation for the beauty and diversity of our planet's wildlife.

3.2 Functional Requirements:

- FR #1 — Main Page Navigation:

Mohammed has implemented intuitive navigation features, enabling users to seamlessly navigate between the main page and individual animal pages by clicking on the corresponding links found on the gold-plated navigation bars located on top of the site.

- FR #2 — Animal Pages Content:

Each animal page curated by Mohammed is rich in content, offering users detailed descriptions and captivating images of the specific animal species. Mohammed provides detailed and captivating information about each animal, showcasing their unique characteristics, behaviors, and adaptations. For penguins, he describes their ability to navigate icy waters with agility, their distinct black and white plumage, and the remarkable endurance of Emperor Penguins in the harsh Antarctic environment. Regarding lions, Mohammed highlights their social nature, impressive hunting skills, and vital role in ecosystem balance. The giraffe's elongated neck, striking spotted coat, and complex social behaviors are emphasized, illustrating its adaptation and elegance in the African savanna. As for monkeys, Mohammed portrays their agility in tree canopies, intricate social structures, and diverse species, illustrating their intelligence and vitality in tropical habitats. Through vivid descriptions, Mohammed offers a comprehensive understanding of each animal, fostering appreciation for their place in the natural world.

3.3 Non-Functional Requirements:

- NFR #1 — Navigation Responsiveness:

Mohammed's dedication to user experience is evident in his meticulous attention to detail, particularly in ensuring flawless functionality of the navigation links. By meticulously testing and refining each link, he has created a seamless browsing experience that directs users to their desired destinations with precision and efficiency. This commitment to usability enhances the overall quality of the website, making it more enjoyable and intuitive for visitors to explore.
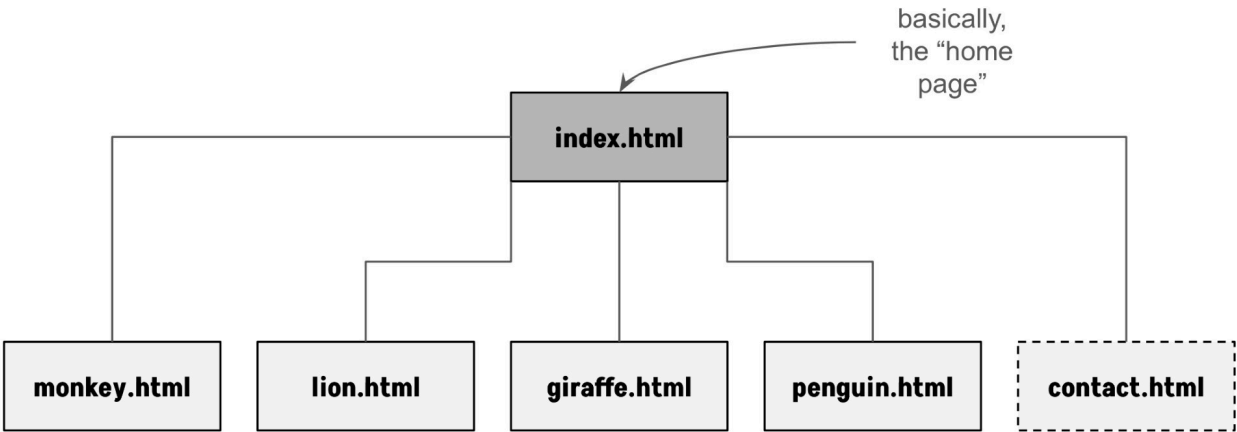
- NFR #2 — Page Load Time:

Understanding the importance of swift page loading, Mohammed has optimized the website to deliver content promptly, with a maximum load time of 2 seconds, thus enhancing user satisfaction and engagement.

Software Architecture and Diagram:

Mohammed has meticulously designed the website structure, laying the foundation with a main page seamlessly interconnected with four distinct animal pages (and one contacts page). This hierarchical structure ensures a coherent and user-friendly browsing experience.

Clicking triggers an immediate switch to the replacement file.

Epics:

   - **Epic #1 – Main Page:**
    - **Requirement Reference:** FR #1
    - **Description:** Users can effortlessly navigate through the website by clicking on the links provided on the main page, facilitating easy access to individual animal pages.

   - **Epic #2 – Animal Pages:**
    - **Requirement Reference:** FR #2
    - **Description:** Mohammed has meticulously curated each animal page, incorporating comprehensive descriptions and captivating imagery to offer users an immersive and educational experience.

User Stories and Acceptance Criteria:

User Story #1 – Main Page Navigation:
   - **Epic Reference:** Epic #1

- Description: Users expect a seamless browsing experience, with intuitive navigation features allowing them to effortlessly explore the website.

- Acceptance Criteria:

 - Verify that users can easily navigate to individual animal pages by clicking on the corresponding links provided on the main page.

User Story #2 – Animal Pages Content:

    - Epic Reference: Epic #2

    - Description: Users seek informative and visually appealing content on each animal page, enhancing their understanding and appreciation of diverse animal species.

    - Acceptance Criteria:

 - Ensure that each animal page contains detailed descriptions and high-quality images that captivate and engage users, fostering a deeper connection with the featured animals.

Project Schedule:

Mohammed meticulously planned and executed the project, adhering to a structured schedule comprising various milestones, deadlines, and tasks. From conceptualization to execution, Mohammed's diligent efforts culminated in the successful realization of the zoo website, offering users a captivating virtual journey into the animal kingdom.

Day 1 (February 21, 2024):

1. Conceptualize project idea and define requirements:
 - Research objectives and target audience.
 - Define the goal of providing an engaging online experience.

2. Set up development environment:
 - Install necessary tools (VSCode, GitHub).
 - Create a GitHub repository for version control.

Day 2 (February 22, 2024):

1. Research zoo website design and functionality:
 - Explore existing zoo websites for inspiration.
 - Analyze design trends and features.

2. Create project plan and schedule:
 - Outline milestones, tasks, and deadlines.
 - Define roles and responsibilities.
 - Establish communication channels.

Technical Challenges:

Mohammed faced unexpected technical challenges during the project execution. These included issues with mobile phone security due to hacking attempts and difficulties connecting VSCode and the terminal to GitHub. Despite these setbacks, Mohammed persevered and worked diligently to resolve the issues.

Additional Information:

Mohammed has paid meticulous attention to detail in crafting both the HTML structure and CSS styling of the website. Noteworthy aspects include:

1. Clean and Organized HTML Structure: Mohammed has meticulously structured the HTML files with cleanliness and organization in mind. He utilizes flexbox for precise layout control, ensuring elements are arranged logically and efficiently. Additionally, Mohammed has set a minimum height of 100vh for content visibility, ensuring that users can access and engage with the website's content seamlessly across different screen sizes.

2. Thoughtful CSS Styling: Mohammed's CSS styling enhances the aesthetics and readability of the website. He applies subtle text-shadow to headings, enhancing readability against darker backgrounds and improving overall visual appeal. Mohammed maintains visual consistency by consistently using background colors throughout the website. Furthermore, he implements intuitive navigation features with smooth hover transitions, enhancing user interaction and engagement.

3. Responsive Design: Mohammed prioritizes responsiveness in his design approach. He ensures that the website adapts seamlessly to various screen sizes, guaranteeing optimal viewing experiences across devices. Image elements are carefully configured to maintain aspect ratio, preventing distortion and preserving visual integrity. This commitment to responsiveness underscores Mohammed's dedication to accessibility and usability, ensuring that all users can enjoy a seamless browsing experience regardless of their device.

Mohammed's meticulous approach to both HTML structure and CSS styling has resulted in a visually appealing and user-friendly web page, offering users an immersive and educational experience in exploring the wonders of the animal kingdom.