**Project Report:** Zanzibar Tourism Website

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**Introduction**

This project involved designing and developing a responsive website dedicated to promoting tourism in Zanzibar. The website showcases top destinations, activities, accommodations, about us, and provides contact information for visitors interested in exploring Zanzibar. The goal was to create an engaging and user-friendly platform to attract tourists and provide them with useful information.

**Objectives**

* To develop a visually appealing and informative website about Zanzibar tourism.
* To ensure the website is responsive and accessible on different devices.
* To include key sections such as destinations, activities, accommodation, and contact form.
* To improve online visibility of Zanzibar as a tourist destination.

**Tools and Technologies Used**

* HTML & CSS: For website structure and styling.
* Bootstrap: For responsive design and prebuilt components.
* Visual Studio Code: As the primary code editor.
* GitHub: For version control and hosting project code.
* XAMPP: To create a local server environment for running PHP and managing MySQL databases.
* PHP: For backend development, processing form submissions, and connecting the website to the database.
* MySQL: Database management system used with XAMPP to store visitor inquiries and other data.

**Design and Development**

The website was designed using Bootstrap to ensure responsiveness across devices. A clean and modern color scheme inspired by Zanzibar’s coastal beauty was chosen. Navigation is simple with a fixed navbar for easy access to all pages. Each page includes relevant images and descriptive content. Key pages include Home, Destinations, Activities, Accommodation, About Us, and Contact.

Challenges faced included optimizing image sizes for faster loading and ensuring the contact form correctly submits data. These were addressed through image compression and backend PHP scripting.

**Features**

- Responsive Navigation Bar: Easily accessible menu on all devices.

- Hero Section: Engaging banner with Zanzibar imagery on the homepage.

- Destination Highlights: Showcasing popular tourist spots with images and descriptions.

- Activities Section: Information on things to do in Zanzibar.

- Accommodation Listings: Places where visitors can stay.

- Contact Form: Allows visitors to send inquiries directly from the site.

**Testing**

The website was tested on multiple browsers including Chrome, Firefox, and Edge to ensure compatibility. It was also tested on various screen sizes such as desktops, tablets, and mobile phones to verify responsive behavior. Minor CSS adjustments were made to fix layout issues on smaller screens.

**Conclusion**

The Zanzibar website project successfully creates an informative and user-friendly platform for visitors interested in exploring Zanzibar. With responsive design, clear navigation, and detailed content, the site provides a comprehensive guide to destinations, activities, accommodations, about us, and contact information. Using tools like XAMPP and PHP pages allowed smooth integration with databases, enhancing the website’s functionality. This project not only showcases technical skills but also promotes tourism in Zanzibar effectively. Future improvements could include adding booking features and more interactive elements to further engage users.

**Project Repository:**

The full source code and files for this project are available on GitHub at: <https://ShemsaNofly.github.io/my-project/>