**Cover Page**

***Title:*** *Personal Blog Website of Yemen*

***Student Name:*** *Mohammed Hadi Ali Al-Basara*

***Course:*** *Web Programming and Design*

***Instructor:*** *Gör. Nilgün İNCEREİS*

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Contents

[1. Introduction 3](#_Toc182668779)

[2. Technologies Used and Technical Requirements 3](#_Toc182668780)

[3. Additional Features 3](#_Toc182668781)

[4. Project Planning Process 4](#_Toc182668782)

[5. Conclusion and Discussion 4](#_Toc182668783)

[6. References 4](#_Toc182668784)

[7. Program Codes 4](#_Toc182668785)

# **1. Introduction**

The project involves the development of a personal blog website, themed around Yemen. The website aims to share various aspects of Yemeni culture, history, cities, and travel tips. The blog allows users to explore content across different categories and provides a responsive and visually appealing design to ensure a seamless user experience.

# **2. Technologies Used and Technical Requirements**

The blog website was developed using basic **web technologies** such as HTML, CSS, and JavaScript. The technical requirements were kept simple to align with the course objectives, but the website incorporated several interactive and dynamic elements.

* **HTML**: Used for structuring the content and layout of the website.
* **CSS**: Employed to create a cohesive visual design with responsive layouts, ensuring the site works well on both mobile and desktop devices.
* **JavaScript**: Utilized to enhance interactivity, such as implementing the search function, interactive image galleries, and sliding images for better user engagement.

Additionally, the website was deployed on **GitHub Pages** to allow easy access and testing by friends and peers. The responsive design was implemented using **media queries** in CSS to ensure the website adapts to different screen sizes.

# **3. Additional Features**

Some of the additional features implemented in the project include:

* **Search Feature**: A search bar was integrated into the website to allow users to find specific blog posts based on keywords or categories.
* **Interactive Image Galleries**: Several interactive images were added to engage users. These images are displayed with descriptions when clicked.
* **Sliding Images**: A sliding image feature was added, where users can click a button to switch between images, enhancing the visual appeal of the website.
* **Explore More About Yemen Button:** This button is available on all pages of the website. When clicked, it redirects users to an external website where they can explore additional information about Yemen's history, culture, geography, and more. This feature provides users with a seamless way to access more detailed and relevant content on Yemen.
* **Contact Us Form:** A 'Contact Us' form is available on the website, allowing users to submit their name, email, and a message. After submitting the form, users receive a confirmation message, "Thank you for contacting us." This feature enables users to interact directly with the website owner, facilitating communication and feedback. The form is implemented using HTML for structure and JavaScript for form validation, ensuring user data is collected efficiently.

These features contribute to the dynamic and interactive nature of the website, providing a better experience for visitors.

# **4. Project Planning Process**

The development of this project was largely intuitive. Initially, the theme was to create a blog about Turkey, but the idea was later changed to focus on Yemen. The project planning involved thinking about the structure of the website and identifying key categories such as cities, culture, history, and travel tips.

The most challenging aspect of the project was ensuring that the website was responsive. This required implementing media queries and adjusting the layout for different screen sizes, a process that took significant time and effort.

# **5. Conclusion and Discussion**

Through this project, I learned the importance of **styling** in making a website visually appealing. While the functionality of the website is relatively simple, the styling greatly enhanced the user experience. The feedback I received from friends reinforced this, as they were impressed with the website's design, often not realizing the simplicity of its structure.

If given more time, I would focus on further enhancing the **dynamic content** (e.g., adding a comment system or implementing a backend with a database for comments) and exploring **advanced features** like animations or interactive maps. However, given the project scope and course level.

# **6. References**

* W3C HTML5 Specification: <https://www.w3.org/TR/html5/>
* CSS Media Queries: <https://developer.mozilla.org/en-US/docs/Web/CSS/Media_Queries/Using_media_queries>
* JavaScript Guide: <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide>
* Britannica: https://www.britannica.com/place/Yemen

# **7. Program Codes**

The program codes include HTML, CSS, and JavaScript files available in the project’s GitHub repository: <https://github.com/yemeni-coder/Blog_website_of_Yemen.git>