

# Proposal for Front-End Web Design Project

**Name:** Abdul Basit Yakubu

**Index No:** UEB1100122

**Class:** Bsc Computer Engineering L200

## **Project Overview:**

I propose to design and develop a minimalist and user-friendly front-end interface for a unique social feed website, envisioned by Abdul Basit Yakubu, a Level 200 BSc Computer Engineering student at the University of Energy and Natural Resources. The website aims to provide a platform where users can post about their interests, and others can interact with the posts. Unlike traditional social media sites, this platform will prioritize user control and a clutter-free experience, with no algorithms pushing unwanted content to users. Each user will only see content relevant to their interests.

## **Objectives:**

1. **Create a Clean and Intuitive User Interface:** The interface will include a minimalist navigation bar for easy access to different sections of the website, ensuring a clutter-free experience aligned with the vision of the platform.
2. **Develop Responsive Design:** Utilizing CSS flexbox and grid, the design will adapt seamlessly to various screen sizes and devices, ensuring optimal viewing and interaction for all users.
3. **Implement User Authentication and Profile Management:** Users will be able to create accounts, customize their interests, and manage their profiles securely, with CSS styling enhancing the visual appeal and usability of these features.
4. **Design a Posting System:** A user-friendly posting system will be developed, allowing users to share their interests through text, images, and

links, with CSS styles enhancing the layout and presentation of posted content.

5. **Enable Interaction Features:** Features such as likes, comments, and shares will be implemented, with CSS styles providing visual feedback and enhancing the usability of these interactive elements.
6. **Ensure Privacy and Data Security:** Robust measures for user data protection will be implemented, following best practices and guidelines, with CSS styling enhancing the visual presentation of privacy-related features and notifications.
7. **Optimize Website Performance:** CSS styles and techniques will be used to optimize website performance, ensuring fast loading times and smooth navigation across all pages and interactions.

#### **Key features:**

- Homepage
- Contact Page - Messaging capabilities.
- About page - Information about the developer.
- Side Navigation Bar.

#### **Scope of Work:**

1. **Initial Consultation and Project Kickoff:** Discussion of requirements, goals, and design preferences, outlining the key components and features of the website.
2. **Research and Analysis:** Investigate user needs and preferences to inform design decisions and feature implementation, identifying key design elements such as navigation bars, homepage layout, and interactive features.
3. **Wireframing and Prototyping:** Create wireframes and prototypes to visualize the layout and functionality of the website, incorporating CSS styles to demonstrate the visual design and user interface elements.
4. **Design and Front-end Development:** Develop the front-end interface using HTML5, CSS3, and JavaScript, incorporating CSS flexbox and grid for responsive design and styling elements such as navigation bars, homepage layout, and interactive features.

5. **Integration of User Authentication and Profile Management:** Implement user authentication and profile management features, with CSS styling enhancing the visual presentation and usability of these features.
6. **Implementation of Posting and Interaction Functionalities:** Develop the posting system and interaction features, with CSS styles providing visual feedback and enhancing the usability of these elements.
7. **Testing and Optimization:** Test the website across multiple browsers and devices to ensure compatibility and responsiveness, optimizing CSS styles and layout for performance and usability.
8. **Final Review and Delivery:** Conduct a final review of the front-end design, addressing any remaining issues or feedback, and delivering the completed project to the client.

#### **Timeline:**

The proposed timeline for the project is as follows:

- **Stage 1-2:** Research and analysis
- **Stage 3-4:** Design and prototyping
- **Stage 5-6:** Front-end development
- **Stage 7:** Testing and optimization
- **Stage 8:** Final review and delivery

#### **Conclusion:**

I am excited about the opportunity to work on this innovative project. I am committed to delivering a high-quality front-end design that reflects my vision for the website and provides users with a seamless and enjoyable experience. I look forward to bringing this project to life and contributing to its success.

Thank you for considering our proposal.

Sincerely,

**Abdul Basit Yakubu**

**Bsc. Computer Engineering L200**

**UEB1100122**