PORTFOLIO WEBSITE FOR NEONTECH

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Full Stack Web Developer

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1. PROJECT OVERVIEW

1.1 PURPOSE

The purpose of the NeonTech company website is to provide a platform for showcasing the company's information, events, media content, achievements, projects, blogs, and facilitate user login.

1.2 SCOPE

The website will include sections for Home, Events, Videos & Photo Gallery, Blogs, Achievements, Projects, About Us and a Login functionality.

1.3 STAKEHOLDERS

NeonTech, website visitors, developers, administrators.

2. FUNCTIONAL REQUIREMENTS

2.1 HOME

- Display the company's mission statement.
- Provide links to other sections of the website.

2.2 EVENTS

- Display upcoming and past events.
- Allow users to view event details, including date, time, location, and descriptions.

2.3 VIDEOS & PHOTO GALLERY

- Provide a gallery of photos and videos showcasing the company's work, events, and achievements.
- Allow users to browse and view media content.

2.4 BLOGS

- Display a list of company blog posts.
- Enable users to read full blog posts.
- Include a comment section for users to interact and leave comments.

2.5 ACHIEVEMENTS

- Showcase the company's achievements, awards, and milestones.
- Include descriptions and dates for each achievement.

2.6 PROJECTS

- Present detailed information about ongoing and completed projects.
- Provide project descriptions, images, and related resources.

2.7 ABOUT US

- Display comprehensive information about NeonTech, including its history, mission, vision, and values.
- Include profiles of key team members.

2.8 LOGIN

- Implement user authentication and registration functionality.
- Allow users to log in to access member-only content.
- Provide an admin panel for managing user accounts and website content.

3. NON-FUNCTIONAL REQUIREMENTS

3.1 PERFORMANCE

- Ensure fast page load times and responsiveness.
- Optimize media content for efficient loading.

3.2 SECURITY

- Standard security.

3.3 COMPATIBILITY

- Ensure compatibility with popular web browsers and various devices.

3.4 ACCESSIBILITY

- Comply with accessibility standards (e.g., WCAG) to ensure the website is accessible to all users.

3.5 SEO

- Optimize the website for search engines to improve visibility and ranking.

4. DESIGN AND USER INTERFACE

- Use a modern, responsive design that adapts to different screen sizes.
- Maintain a consistent branding style and user-friendly navigation.

5. TECHNOLOGY STACK

- Specify the technologies, languages, and frameworks to be used –
    - HTML
    - CSS
    - JavaScript
    - PHP
    - MySQL

6. TESTING

6.1 FUNCTIONAL TESTING TOOLS

- **Selenium:** An open-source tool for automating web browsers. Selenium supports multiple programming languages and browsers, making it suitable for functional and regression testing.

6.2 PERFORMANCE TESTING TOOLS

- **Apache JMeter:** An open-source tool for load testing, performance testing, and stress testing. It can simulate heavy loads on a server, helping identify performance bottlenecks.

6.3 SECURITY TESTING TOOLS

- **OWASP ZAP (Zed Attack Proxy):** An open-source security testing tool for finding vulnerabilities in web applications, both manually and automatically.

6.4 CROSS-BROWSER TESTING TOOLS

- **BrowserStack:** A cloud-based platform for cross-browser testing, allowing you to test websites on various browsers and devices.

6.5 ACCESSIBILITY TESTING TOOLS

- **axe:** An open-source accessibility testing tool that integrates with various testing frameworks and browsers to identify accessibility issues in web applications.

6.6 CONTINUOUS INTEGRATION/CONTINUOUS DEPLOYMENT (CI/CD) TOOLS

- **CircleCI:** A CI/CD platform that automates the software development process, including testing and deployment.

6.7 USABILITY AND USER EXPERIENCE (UX) TESTING TOOLS

- **Optimal Workshop:** Offers tools for conducting usability tests, including card sorting, first-click testing, and more.

7. MILESTONES AND REPORTING

Milestone	Tasks	Reporting	Time
Analysis		Submit The Design	3 days
Requirement's collection	Submit to us all data		7 days
Development		Review the work	30 days
Testing			10 days
Deployment	Must ready the server	Review final work	5 days
Delivery		Live on server	5 days

8. DEPLOYMENT

The Application will completely base on the following requirement which is given by your company and this Application is cover those features which is right down. For development time developer only focus on the feature. If client want more feature, then he has to pay base on new feature.

9. SUPPORT

- 24/7 support based on payment.

10. PRICING

My fee for seeing the project through from start to completion will be Twenty Thousand Taka only (20,000Tk).

11. PAYMENT TERMS

Here are the proposed payment terms:

Payment Milestone	Percentage (%)	Payment Due
Acceptance of Proposal	10	On Proposal Acceptance
Website Development Agreement	40	On Agreement Signing
70% Website Demonstration	25	At 70% Demonstration
Website Completion	25	Upon Website Completion

12. RESPONSIBILITY

This website Ordered by **Nurul Amin**, Managing Director of NeonTech, all responsibility goes on him.

This website will Developed by Shrikanta Paul.

13. CONTACT ME

You can get in touch with us in any of the below ways:

By Phone:

+8801985064618

Shrikanta Paul

By Email:

shrikantapaul571@gmail.com

I eagerly anticipate your prompt response.

AGREEMENT SIGNED BY:

………………………….

Client Signature

Nurul Amin

Managing Director, NeonTech

………………………………

Authority Signature

Shrikanta Paul