Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	01 November 2023
Project Name	Creating Blog Using Wordpress

Functional Requirements:

FR No.	Functional Requirement	Sub Requirement
FR-1	Automation	It can significantly improve website management and save time for website owners and administrators. There are several areas in which automation can be implemented: Scheduled Content Publishing, Automated Backups, Comment Moderation.
FR-2	Content	Creating high-quality and engaging content for your WordPress website is essential for attracting and retaining visitors. The type of content you should produce depends on your website's purpose and audience: Identify Your Target Audience, Write High-Quality Content, Create Engaging Headlines, Use Visuals, Social Sharing.
FR-3	Analytics	It should understanding what works and improving your content strategy. You can use various analytics tools and methods to track and measure the success of your blog: Google Analytics, WordPress Analytics Plugins, Social Media Analytics, Email Marketing Analytics, Custom Event Tracking, E-commerce Analytics.
FR-4	Deliverability	When it comes to email deliverability for a WordPress blog, ensuring that your email communications reach your subscribers' inboxes is crucial. Whether you're sending newsletters, updates, or other email content, here are some key considerations to improve email deliverability. Use a Reliable Email Service Provider (ESP), Authentication and SPF/DKIM/DMARC Records, Use a Professional Email Address.

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	*Specify accessibility standards to ensure the website is usable by people with disabilities, such as WCAG compliance.Ensure the website functions correctly and looks good on different web browsers and devices.*
NFR-2	**Security**	*Specify requirements for user authentication, authorization levels, and data security. Specify how the site should defend against common web vulnerabilities like SQL injection, cross-site scripting (XSS), and cross-site request forgery (CSRF).*
NFR-3	**Reliability**	*Specify the desired level of availability and uptime. For example, you might require the site to be available 99.9% of the time. Define how errors and exceptions should be handled and reported to administrators.*
NFR-4	**Performance**	*Define acceptable response times for various actions, such as page loading, form submissions, and database queries. Specify how the site should handle increased traffic or content growth, including the ability to scale horizontally or vertically. Define the maximum number of concurrent users the site should support without significant performance degradation.*
NFR-5	**Availability**	*It ensures that the site remains accessible to users without excessive downtime. When specifying availability non-functional requirements for WordPress, consider the following aspects Specify the use of redundancy for critical components to minimize downtime. This may include redundant web servers, databases, and content delivery networks (CDNs).*
NFR-6	**Scalability**	*Specify how the site should scale horizontally, such as by adding more web servers or database servers as traffic increases. Specify how the site should scale horizontally, such as by adding more web servers or database servers as traffic increases.*