Project Development Phase
Performance Test

Date	04 Nov 2023
Team ID	NM2023TMID08824
Project Name	Creating Blog using WordPress Platform

Model Performance Testing:

Parameter	Values	Performance
1. Response Time	2. Server Response Time: Measure the time taken by the server to respond to requests. 3. Page Load Time: Determine how long it takes for a page to load completely in a user's browser.	Good
2. Concurrency and Scalability	1. Concurrent Users: Test the website with multiple simultaneous users to see how it performs under load. 2. Scalability: Determine the maximum number of users or requests the website can handle without degrading performance significantly.	Good
3. Database Performance	1. Database Query Time: Measure the time it takes for WordPress to fetch data from the database. 2. Database Connection Pooling: Evaluate how well the database handles multiple concurrent connections.	Good
4. Caching Mechanisms	1. Page Caching: Test the effectiveness of page caching plugins in reducing server load and improving response times. 2. Object Caching: Measure the performance impact of object caching mechanisms,	Good

		which can cache database queries and API calls.	
5. Content Delivery	1. CDN Performance: Evaluate the Content Delivery Network's effectiveness in delivering static assets (images, CSS, JS) quickly to users across different locations	Good	