

# **PERFORMANCE TESTING**

## **Model Performance Test**

<b>Date</b>	18 February 2026
<b>Team ID</b>	LTVIP2026TMIDS84448
<b>Project Name</b>	Civil Engineering Insight Studio
<b>Maximum Marks</b>	10 Marks

### **Model Performance Testing:**

Project team shall fill the following information in model performance testing template.

<b>S.No</b>	<b>Performance Test Type</b>	<b>Description</b>	<b>Expected Result</b>
1.	Response Time Testing	Measures the time taken to process inputs and display analysis results.	Results are generated within acceptable time limits without delay.
2.	Load Testing	Evaluates system behaviour when multiple users access the application simultaneously.	System remains stable and responsive under normal load.
3.	Scalability Testing	Check's ability to handle increased users and project data.	Performance remains consistent as usage increases.
4.	Resource Utilization Testing	Monitors CPU, memory, and storage usage during analysis.	Optimal resource usage without excessive consumption.
5.	Throughput Testing	Measures number of analysis requests processed per unit time.	System processes multiple requests efficiently.