

# PERFORMANCE TESTING

## Model Performance Test

Date	18 February 2026
Team ID	LTVIP2026TMIDS66183
Project Name	Civil Engineering Insight Studio
Maximum Marks	10 Marks

## Model Performance Testing:

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

S.No	Performance Test Type	Description	Expected Result
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.