Date	27/02/2026
Team ID	LTVIP2026TMIDS80605
Project Name	ASSET MANAGEMENT PORTAL
Maximum Marks	4 marks

6. FUNCTIONAL AND PERFORMANCE TESTING

6.1 Performance Testing

Testing Strategy:

- Load Testing: Validate performance under expected load.

- Stress Testing: Push system beyond limits.

- Scalability Testing: Check performance as users grow.

- Endurance Testing: Verify long-term stability.

Success Metrics:

- Average page load time under 2 seconds.

- 1,000+ concurrent users supported.

- Error rates under 1%.

- Acceptable CPU/memory utilization.

Resolution Process:

- Use tools like JMeter.

- Monitor logs and metrics.

- Optimize code and database queries.