

**Project Development Phase**  
**Model Performance Test**

Date	30/06/2025
Team ID	LTVIP2025TMID30530
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.