# Functional & Performance Testing Template

# Model Performance Test

**Date:** 21 June 2025

**Team ID:** LTVIP2025TMID31897

**Project Name:** EduTutor AI: Personalized Learning with Generative AI and LMS

**Marks:**

**Test Scenarios & Results:**

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| --- | --- | --- | --- | --- | --- |
| Test Case ID | Scenario (What to test) | Test Steps (How to test) | Expected Result | Actual Result | Pass/Fail |
| FT-01 | User Login & Registration | Try to login/register with valid and invalid data | Valid users log in, errors for invalid users | As expected | Pass |
| FT-02 | Role-Based Access | Login as student/educator and check access | Correct pages load as per role | As expected | Pass |
| FT-03 | Quiz Generation | Enter topic and level, click generate | Quiz appears with appropriate questions | Works correctly | Pass |
| FT-04 | Learning Module Generation | Enter topic and click generate | Learning content appears | Works correctly | Pass |
| FT-05 | PDF Summary | Upload the pdf | Brief summary appears | As expected | Pass |
| PT-01 | Model Load Time | Measure time to load model | Model loads under 5 seconds | Within range | Pass |
| PT-02 | Quiz Gen Response Time | Generate quiz multiple times | Each generation under 5 seconds | Stable performance | Pass |
| PT-03 | Dashboard Data Load | Open educator dashboard with quiz history | Graphs load smoothly | Works correctly | Pass |