# Functional & Performance Testing Template

# Model Performance Test

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Team ID: LTVIP2025TMID29198

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

Marks:

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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 | Save to Library | Click save on generated module | Module saved to user's library | Works correctly | Pass |
| FT-06 | Quiz Submission & Scoring | Submit answers to a quiz | Score is calculated and shown | Works correctly | 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 |