Functional & Performance Testing Template

Model Performance Test

Date: 28 June 2025

Team ID: LTVIP2025TMID35893

Project Name: edututor ai: personalized learning with generative ai and lms

Platform: Web / Google Colab

Maximum Marks: _____

Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
FT-01	Problem Solving Input	Enter various math/physics/chem problems	Correct and relevant solutions generated	Responses matched expectations	Pass
FT-02	Quiz Generation	Input a topic to generate quiz	Topic-relevant quiz generated	Generated quiz was topic-appropriate	Pass
FT-03	Multilingual Input Support	Submit queries in Hindi/Telugu/English	Model responds correctly in respective language	Multilingual responses worked well	Pass
PT-01	Response Time	Measure solution generation time	Within 3 seconds	Avg 2.1 seconds	Pass
PT-02	Concurrency Test	Multiple users use EduTutor AI at once	No crash or lag; handle up to 20 sessions	Stable under load	Pass