

Project Development Phase
Model Performance Test

Date	30 june 2025
Team ID	LTVIP2025TMID38204
Project Name	Edututor AI: PERSONALIZED LEARNING WITH GENERATIVE AI And LMS INTEGRATION
Maximum Marks	

Here’s your **Model Performance Testing** template, tailored for the **Edututor AI: Personalized Learning with Generative AI + LMS Integration** project:

S.No.	Parameter	Values / Notes	Screenshot
1	Model Summary	<ul style="list-style-type: none">• Model: Edututor AI Gen-Tutor• Architecture: GPT-4 (LLM backbone) + retriever LLM + answer-formatter + conversation flow modules• Inputs: student queries and LMS usage data (quiz responses, video views, engagement metrics)• Outputs: personalized explanations, quiz generation, recommendations integrated into LMS	—
2	Accuracy	<p>Training Accuracy – e.g., 98% on synthetic QA pairs</p> <p>Validation Accuracy – e.g., 92% on held-out student–LMS interaction data</p>	—
3	Fine-Tuning Result (if done)	<p>Validation Accuracy after fine-tuning – e.g., 94% (tuned on actual LMS usage logs with retrieval feedback loop)</p>	