**Edututor ai – model performance test**

**Date: 04 September 2025  
Team ID:** **NM2025TMID00819**

**Project Name: Edututor ai  
Maximum Marks: 15 Marks**

**Model Performance Testing – EduTutor AI**

| **S.No.** | **Parameter** | **Values** | **Screenshot** |
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| 1 | **Model Summary** | EduTutor-AI 2.5B model optimized for academic tutoring across subjects using enhanced NLP and reasoning pipelines.<br>🔍Note: Queries aligned to academic taxonomy yield accurate, pedagogical responses. Others receive a polite prompt to rephrase. | [Screenshot] |
| 2 | **Accuracy** | • **Training Accuracy:** 94%<br>• **Validation Accuracy:** 91%<br>✅ *"Answer Delivered Successfully"* confirmation on correct query matches | [Screenshot] |
| 3 | **Confidence Score** | • **Intent Detection Confidence:** 90% on grade-appropriate academic queries<br>• **Fallback Rate:** 10% for unsupported or ambiguous questions | [Screenshot] |