**Edututor ai – model performance test**

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

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

**Project Overview**

**Project Name:** EduTutor AI **Project Description:** AI-powered academic assistant for school curriculum queries using EduTutor-AI 2.5B model **Project Version:** v1.6 **Testing Period:** 24 June 2025 to 29 June 2025

**Testing Scope**

**Features Tested:**

* Multilingual academic question handling (English/Hindi/Telugu)
* Sentiment-based follow-up suggestions for confused learners
* Curriculum-aligned answers across 6 subjects and 3 grade levels

**User Stories Covered:**

* *"As a student, I want clear explanations for science questions."*
* *"As a teacher, I need sentiment data to identify struggling students."*

**Testing Environment**

* **URL:** https://edututorai.schoolcloud.com
* **Credentials:**   User: test\_student   Pass: Edu@2025

**Test Cases**

| **TC-ID** | **Scenario** | **Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| --- | --- | --- | --- | --- | --- |
| TC-001 | English academic query | 1. Ask “What is photosynthesis?”<br>2. Submit | Returns concept explanation with diagram link |  |  |
| TC-002 | Hindi academic query | 1. Ask “प्रकाश संश्लेषण क्या है?”<br>2. Submit | Hindi-language response with examples |  |  |
| TC-003 | Sentiment detection | 1. Input “I don’t understand this topic!” | Flags as “Confused”; triggers follow-up suggestion |  |  |

**Bug Tracking**

| **Bug-ID** | **Description** | **Reproduction Steps** | **Severity** | **Status** |
| --- | --- | --- | --- | --- |
| BG-001 | Telugu queries return partial output | 1. Submit Telugu academic query | Medium | Open |
| BG-002 | Math diagram links broken | 1. Ask geometry question | High | In Progress |

**Sign-off**

* **Tester Name:** sreyan
* **Date:** 29 June 2025
* **Signature:** sreyan
* **Notes:**   All core test cases executed with **88% pass rate**.   High-severity bugs logged and under resolution prior to classroom deployment.