**Edututor ai- planning logic.docx**

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

**Project Name: Edututor ai  
Maximum Marks: 4 Marks**

**EduTutor AI – Project Planning**

**Agile Definitions** **Sprint**: 5-day work period **Epic**: "Build AI-Powered Personalized Learning Platform" **Story**: Individual development tasks **Story Points**: Effort measurement (Fibonacci scale)

**Sprint 1 (5 Days)**

**Content Pipeline Development** **Data Collection**

* Sync Google Classroom data (3 pts)
* Extract NCERT-based Q&A content (2 pts)

**Data Preprocessing**

* Clean and tag subject-wise content (5 pts)
* Normalize curriculum terminology (3 pts)

**Total Sprint 1 Points**: 13

**Sprint 2 (5 Days)**

**Model Deployment** **AI Development**

* Fine-tune IBM Watsonx & Granite models (8 pts)
* Adaptive quiz testing (5 pts)

**System Integration**

* Build educator/student dashboard UI (3 pts)
* Azure Cloud + Pinecone DB deployment (5 pts)

**Total Sprint 2 Points**: 21

**Velocity Calculation**

**Total Story Points**: 34 (13 + 21) **Number of Sprints**: 2 **Team Velocity**: 17 points/sprint **Next Sprint Forecast**: 3–5 user stories (~17 points capacity)

**Key**: 1 – Very Easy | 2 – Easy | 3 – Moderate | 5 – Difficult | 8 – Very Difficult