Edututor ai- planning logic.docx

Date: 26 June 2025
Team ID: LTVIP2025TMID34185

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