

Edututor ai- project planning template

Date: 26 June 2025

Team ID: LTVIP2025TMID34185

Project Name: Edututor ai

Maximum Marks: 4 Marks

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

Edututor AI – Project Planning

Date 27 June 2025

Team ID EDUAI2025TMID4421

Project Name Edututor AI

Maximum Marks 5 Marks

Product Backlog & Sprint Schedule

Sprint	Functional Requirement (Epic)	User Story No.	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Content Pipeline	USN-1	As a developer, I need to collect NCERT Q&A and sync Google Classroom data	3	High	Data Team
Sprint-1	Content Pipeline	USN-2	As a developer, I need to clean, tag, and normalize educational content by subject/topic	5	High	NLP Team
Sprint-2	Model Development	USN-3	As an ML engineer, I need to fine-tune IBM Watsonx and Granite models for adaptive quiz generation	8	High	AI Team
Sprint-2	UI Integration	USN-4	As a frontend dev, I need to build a dashboard for students and educators with real-time feedback	3	Medium	UI Team
Sprint-3	Deployment	USN-5	As a DevOps engineer, I need to deploy the platform on Azure with Pinecone vector DB integration	5	High	Cloud Team

Project Tracker & Velocity

Sprint	Total Story Points	Duration	Start Date	End Date (Planned)	Points Completed	Release Date (Actual)
Sprint-1	8	5 Days	01 Jul 2025	05 Jul 2025	8	05 Jul 2025
Sprint-2	11	5 Days	08 Jul 2025	12 Jul 2025		
Sprint-3	5	5 Days	15 Jul 2025	19 Jul 2025		

Velocity Calculation

AV = Total Points (8) / Duration (5 days) = 1.6 points/day

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