**Edututor ai- project planning template**

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

**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