Project Planning Document – EduTutor-AI

Date: 28 June 2025  
Team ID: LTVIP2025TMID31982  
Project Name: EduTutor-AI: Personalized AI Tutoring Platform

**Product Backlog, Sprint Schedule, and Estimation**

| **Sprint** | **Epic** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Project Initialization | USN-1 | Setup Streamlit interface and base modules | 2 | High | All |
| Sprint-1 | OCR + PDF Integration | USN-2 | Integrate OCR & PDF parsing using pytesseract, PyMuPDF | 3 | High | Salma, Uday |
| Sprint-2 | Q&A Module | USN-3 | AI question answering using LLMs | 4 | High | Rakesh, Kiran |
| Sprint-2 | Summarization Feature | USN-4 | Generate summaries from text/image input | 3 | Medium | Kiran, Salma |
| Sprint-3 | Real-time Tutoring Bot | USN-5 | Build conversational tutoring assistant | 5 | High | Rakesh, Uday |
| Sprint-4 | UI Enhancements | USN-6 | Add sidebar, improve UX, formatting | 2 | Medium | All |
| Sprint-4 | Deployment | USN-7 | Deploy final app on Streamlit Cloud | 2 | High | Rakesh, Kiran |

**Project Tracker, Velocity & Burndown Chart**

| **Sprint** | **Total Story Points** | **Sprint Start Date** | **Sprint End Date** | **Story Points Completed** | **Sprint Release Date** |
| --- | --- | --- | --- | --- | --- |
| Sprint-1 | 5 | 01 July 2025 | 06 July 2025 | 5 | 06 July 2025 |
| Sprint-2 | 7 | 07 July 2025 | 12 July 2025 | 6 | 12 July 2025 |
| Sprint-3 | 5 | 13 July 2025 | 18 July 2025 | 5 | 18 July 2025 |
| Sprint-4 | 4 | 19 July 2025 | 24 July 2025 | 4 | 24 July 2025 |

**Average Velocity** = (5 + 6 + 5 + 4) / 4 = 5 story points per sprint