Project Planning Phase

Date: 25 June 2025

Team ID: LTVIP2025TMID32094

Project Name: EduTutor AI – Personalized Learning Platform with Generative AI

Maximum Marks: 5 Marks

# Product Backlog, Sprint Schedule, and Estimation (4 Marks)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-1 | User Registration & Login | USN-1 | As a student, I can register using email and password | 2 | High | Sriram |
| Sprint-1 | User Registration & Login | USN-2 | As a student, I can login using email and password | 1 | High | Sriram |
| Sprint-1 | User Registration & Login | USN-3 | As a student, I can register/login using Google OAuth | 3 | High | Sriram |
| Sprint-1 | Role Selection | USN-4 | After login, I can select role as 'Student' or 'Educator' | 2 | Medium | Sriram |
| Sprint-2 | Quiz Generation | USN-5 | As a student, I can generate a quiz from a topic | 3 | High | Sriram |
| Sprint-2 | Quiz Evaluation | USN-6 | As a student, I can submit answers and view scores | 3 | High | Sriram |
| Sprint-2 | Learning Module | USN-7 | As a student, I can generate learning content on a topic | 2 | Medium | Sriram |
| Sprint-3 | Library Feature | USN-8 | As a student, I can save learning modules to 'My Library' | 2 | Medium | Sriram |
| Sprint-3 | Quiz History | USN-9 | As a student, I can view previous quiz attempts | 2 | Medium | Sriram |
| Sprint-4 | Educator Dashboard | USN-10 | As an educator, I can view student quiz performance analytics | 3 | High | Sriram |
| Sprint-4 | Student Data Panel | USN-11 | As an educator, I can view individual student quiz data | 2 | Medium | Sriram |

# Project Tracker, Velocity & Burndown Chart (4 Marks)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed | Sprint Release Date (Actual) |
| Sprint-1 | 8 | 2 Days | 20 June 2025 | 21 June 2025 | 8 | 21 June 2025 |
| Sprint-2 | 8 | 2 Days | 22 June 2025 | 23 June 2025 | 8 | 23 June 2025 |
| Sprint-3 | 6 | 2 Days | 24 June 2025 | 25 June 2025 | 6 | 25 June2025 |
| Sprint-4 | 5 | 2 Days | 25 June 2025 | 26 June2025 | - | - |

## Velocity

Team Average Velocity (AV):

22 story points over 3 completed sprints (6 days)

AV = 22 / 6 = ~3.66story points/day