# Project Planning Phase

## Project Planning Template (Product Backlog, Sprint Planning, Stories, Story Points)

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| --- | --- |
| Date | 07 July 2025 |
| Team ID | user-8jJJHuSwsEnL9mWWx2Ts0emT |
| Project Name | EduTutor AI: Personalized Learning with Generative AI and LMS Integration |
| Maximum Marks | 5 Marks |

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

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-1 | Student Onboarding | USN-1 | As a student, I can sign up and sync my Google Classroom account. | 3 | High |  |
| Sprint-1 | Quiz Generation | USN-2 | As a student, I receive personalized quizzes generated by AI. | 5 | High |  |
| Sprint-2 | Performance Feedback | USN-3 | As a student, I get instant feedback based on quiz performance. | 3 | Medium |  |
| Sprint-2 | Educator Dashboard | USN-4 | As a teacher, I can view a dashboard of student progress and scores. | 4 | High |  |
| Sprint-3 | Diagnostic Test | USN-5 | As a new student, I can take a diagnostic test to assess my level. | 4 | Medium |  |
| Sprint-3 | Quiz Adaptation | USN-6 | As a student, my quizzes adapt based on my previous test results. | 5 | High |  |
| Sprint-4 | Course Alignment | USN-7 | As an admin, I can align quiz topics to Google Classroom courses. | 2 | Low |  |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date (Actual) |
| Sprint-1 | 20 | 6 Days | 08 Jul 2025 | 13 Jul 2025 | 20 | 13 Jul 2025 |
| Sprint-2 | 20 | 6 Days | 14 Jul 2025 | 19 Jul 2025 |  |  |
| Sprint-3 | 20 | 6 Days | 20 Jul 2025 | 25 Jul 2025 |  |  |
| Sprint-4 | 20 | 6 Days | 26 Jul 2025 | 31 Jul 2025 |  |  |

### Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day):

AV = sprint duration / velocity = 20 / 10 = 2