**Project Planning Phase**

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

|  |  |
| --- | --- |
| **Date**: | 27 June 2025 |
| **Team ID**: | LTVIP2025TMID30306 |
| **Project Name**: | EduTutor AI: Personalized Learning with Generative AI and LMS Integration |
| **Maximum Marks**: | 5 Marks (kept as-is) |

**Updated Product Backlog & Sprints (Example Entries):**

| **Sprint** | **Functional Requirement** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | User Registration | USN-1 | As a user, I can register for EduTutor AI with email & password | 2 | High | Varshitha |
| Sprint-1 | Email Confirmation | USN-2 | As a user, I will receive confirmation email upon registering | 1 | High | Yamini |
| Sprint-2 | LMS Integration | USN-3 | EduTutor AI integrates course modules with LMS dashboard | 3 | High | Pooja sree |
| Sprint-2 | Personalized Quiz | USN-4 | System recommends quizzes based on student profile | 2 | High | Pooja sree |
| Sprint-3 | Feedback System | USN-5 | System gives instant feedback using AI-generated responses | 2 | Medium | Vishnu vardhan |
| Sprint-3 | Progress Tracker | USN-6 | Students can view their progress report | 2 | Medium | Yudhander |
|  | | | | | | |

**Project Tracker, Velocity, Burndown**

| **Sprint** | **Total Story Points** | **Duration** | **Start** | **End** | **Completed** | **Release** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | 20 | 6 Days | 20 June 2025 | 25 June 2025 | 20 | 25 June 2025 |
| Sprint-2 | 18 | 6 Days | 26 June 2025 | 01 July 2025 | - | - |
| Sprint-3 | 20 | 6 Days | 02 July 2025 | 07 July 2025 | - | - |

Velocity

*Imagine we have a 6-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):*

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AI-generated content may be incorrect.

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Burndown Chart

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

**References**

Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>