**Project Planning Phase**

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

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| --- | --- |
| Date | 25 June 2025 |
| Team ID | LTVIP2025TMID31922 |
| Project Name | Edu Tutor AI-Personalized Learning with Generative AI |
| 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 | Registration | USN-1 | As a user, I can register for the application by entering my email, password. | 2 | High | C.Raghavendra |
| Sprint-1 | Register and login | USN-2 | As a user, I can log in with valid credentials | 2 | High | U.Khaleel Ahmad |
| Sprint-2 | AI Response | USN-3 | As a user, I can ask questions and get AI generated responses | 5 | High | S.Janardhan Reddy |
| Sprint-2 | PDF Summarizer | USN-4 | As a user, I can upload PDFs and receive summarized notes | 3 | Medium | G.Manidhar |
| Sprint-3 | Quiz Generator | USN-5 | As a user, I can generate the quizzes based on uploaded content | 4 | Medium | C.Raghavendra |
| Sprint-3 | Progress Tracker | USN-6 | As a user, I can view my learning progress over time | 3 | Medium | U.Khaleel Ahmad |
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**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 | 4 | 5 Days | 15 June 2025 | 19 June 2025 | 4 | 19 June 2025 |
| Sprint-2 | 8 | 5 Days | 20 June 2025 | 24 June 2025 | 8 | 24 June 2025 |
| Sprint-3 | 7 | 5 Days | 25 June 2025 | 29 June 2025 | 7 | 29 June 2025 |
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**VELOCITY CALCULATION:**

Velocity =Total Story Points/Number of Sprint

=(4+8+7)/3=19/3 ≈ 6.33 Story Points/Sprint

**Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile[software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). However, burn down charts can be applied to any project containing measurable progress over time.

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

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

**Reference:**

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

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

**<https://www.atlassian.com/agile/tutorials/epics>**

**<https://www.atlassian.com/agile/tutorials/sprints>**

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

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