**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 15 JUNE 2025 |
| Team ID | LTVIP2025TMID46308 |
| Project Name | DOC SPOT |
| Maximum Marks | 5 Marks |

**Product Backlog & Sprint Plan *(4 Marks)***

| **Sprint** | **Epic** | **User Story ID** | **User Story Description** | **Points** | **Priority** | **Assignee** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint 1 | Registration | USN-1 | User can sign up using email, password, and confirm password | 2 | High | Sai Meghana |
| Sprint 1 | Registration | USN-2 | User receives confirmation email after registering | 1 | High | Chandu |
| Sprint 1 | Registration | USN-4 | User can sign up using Gmail | 2 | Medium | Sai Meghana |
| Sprint 1 | Login | USN-5 | User logs in using email and password | 1 | High | Chandu |
| Sprint 2 | Registration | USN-3 | User can sign up using Facebook | 2 | Low | Reshma |
| Sprint 2 | Dashboard | USN-6 | User views upcoming appointments and notifications | 3 | High | Reshma |
| Sprint 2 | Appointment Booking | USN-7 | User searches doctors, selects a slot, and books an appointment | 5 | High | Sai Meghana |
| Sprint 3 | Admin Panel | USN-8 | Admin can approve or reject doctor applications | 5 | Medium | Chandu |
| Sprint 3 | Doctor Module | USN-9 | Doctor can view and manage patient appointments | 4 |  |  |

**Sprint Tracking & Release Status *(4 Marks)***

| **Sprint** | **Story Points** | **Duration** | **Start Date** | **Planned End Date** | **Completed Points** | **Actual Release** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint 1 | 8 | 6 Days | 15 June 2025 | 21 June 2025 | 8 | 21 June 2025 |
| Sprint 2 | 10 | 6 Days | 22 June 2025 | 28 June 2025 | 9 | 28 June 2025 |
| Sprint 3 | 7 | 6 Days | 29 June 2025 | 05 July 2025 | 6 | 05 July 2025 |
| Sprint 4 | 5 | 6 Days | 06 July 2025 | 12 July 2025 | 7 | 12 July 2025 |

**Team Velocity Calculation**

* **Total Story Points Completed**: 8 + 9 + 6 + 7 = **30 Points**
* **Total Sprint Days**: 4 × 6 = **24 Days**
* **Average Velocity**:

Velocity=3024=1.25 points/day\text{Velocity} = \frac{30}{24} = \mathbf{1.25 \text{ points/day}}Velocity=2430​=1.25 points/day

This value helps forecast delivery and adjust planning for future sprints.

**Sprint Burndown Chart Summary (Example: Sprint 2)**

| **Day** | **Ideal Remaining** | **Actual Remaining** |
| --- | --- | --- |
| Day 0 | 10 | 10 |
| Day 1 | 8.3 | 9 |
| Day 2 | 6.6 | 8 |
| Day 3 | 5 | 6 |
| Day 4 | 3.3 | 4 |
| Day 5 | 1.6 | 2 |
| Day 6 | 0 | 1 |

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.visual-paradigm.com/scrum/scrum-burndown-chart/)

[**https://www.atlassian.com/agile/tutorials/burndown-charts**](https://www.atlassian.com/agile/tutorials/burndown-charts)