**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 11 March 2025 |
| Team ID |  |
| Project Name | Eye Disease Detection Using Deep Learning |
| Maximum Marks | 5 Marks |

**Product Backlog, Sprint Schedule, and Estimation**

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Disease Prediction Backend | USN-1 | As a user, I can input my eye scan/image into the system for disease prediction. | 3 | High | Suhail |
| Sprint-1 | Disease Prediction Backend | USN-2 | As a system, I can analyse the input data and return a prediction result. | 5 | High | Suhail |
| Sprint-1 | Referral System | USN-3 | As a user, I can access referral links to seek further consultation or treatment. | 2 | Medium | Suhail |
| Sprint-2 | UI for Report Display | USN-4 | As a user, I can view my prediction report through a web interface. | 3 | High | Suhail |
| Sprint-2 | UI for Report Display | USN-5 | As a user, I can download the report for offline use. | 2 | Medium | Suhail |

**Project Tracker, Velocity & Burndown Chart**

| **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 | 10 | 6 Days | 28 Feb 2025 | 05 Mar 2025 | 10 | 05 Mar 2025 |
| Sprint-2 | 5 | 6 Days | 06 Mar 2025 | 11 Mar 2025 | 3 | 06 Mar 2025 |

**Velocity Calculation**

Given a sprint duration of 6 days and 10 story points completed in Sprint-1:

* Velocity = Total Story Points Completed / Sprint Duration
* Velocity = 10 / 6 ≈ 1.67 story points per day

**Burndown Chart Explanation**

A burndown chart represents the remaining work (in story points) versus time.

* Sprint-1 started with 10 points and completed all.
* Sprint-2 started with 5 points & completed 3 points.

