**Project Planning Phase**

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

| Date | 1 February 2024 |
| --- | --- |
| Team ID | 591973 |
| Project Name | Crime Vision: Advanced Crime Classification With Deep Learning |
| Maximum Marks | 8 Marks |

Product Backlog:

| 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, and confirming my password. | 2 | High | 3 |
| Sprint-1 |  | USN-2 | As a user, I will receive a confirmation email once I have registered for the application. | 1 | High | 3 |
| Sprint-2 |  | USN-3 | As a user, I can register for the application through Facebook. | 2 | Low | 3 |
| Sprint-1 |  | USN-4 | As a user, I can register for the application through Gmail. | 2 | Medium | 3 |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password. | 1 | High | 3 |
| Sprint-1 | Dashboard |  | Project Tracker, Velocity & Burndown Chart | 5 | High | 3 |

Sprint Schedule:

| 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 | 24 Dec 2024 | 29 Dec 2022 | 20 | 29 Dec 2024 |
| Sprint-2 | 20 | 6 Days | 31 Jan 2024 | 05 Dec 2022 |  |  |
| Sprint-3 | 20 | 6 Days | 07 Feb 2024 | 12 Jan 2022 |  |  |
| Sprint-4 | 20 | 6 Days | 14 Jan 2024 | 1 Jan 2022 |  |  |

Velocity:

* Assuming a 10-day sprint duration.
* Average Velocity (AV) per iteration unit (story points per day):
* Average Velocity (AV)=Total Story PointsSprint Duration
* Average Velocity (AV)= Sprint Duration / Total Story Points
* Average Velocity (AV)= 20/10 =2 story points per day.

Burndown Chart:

* A graphical representation of work left to do versus time.
* The chart will be updated daily to reflect the remaining work.

References:

* [Visual Paradigm - Scrum Burn Down Chart](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/)
* [Atlassian - Burn Down Chart](https://www.atlassian.com/agile/tutorials/burndown-charts)