**Project Planning Phase**
**Project Planning Template**

| Date | 17 November 2023 |
|---|---|
| Team ID | Team-591562 |
| Project Name | WCE Colon Curated Disease Classification using Deep Learning |
| Maximum Marks | 8 Marks |

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

| 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 | Shivansh |
| Sprint -1 | Login | USN -2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Divya |
| Sprint -2 | Registration | USN -3 | As a user, I can register for the application through Facebook | 2 | Low | Gungun |
| Sprint -1 | Login | USN -4 | As a user, I can log into the application using my email & password | 2 | Medium | Mahitha |
| Sprint -1 | Dashboard | USN -5 | As a user, I am able to contact the administration for help | 1 | High | Gungun |

**Project tracker, Velocity & Burndown chart:**

| Sprint | Total story points | Duration | Sprint start date | Sprint end date (Planned) | Story points completed (as on planned date) | Sprint release (Actual) |
|---|---|---|---|---|---|---|
| Sprint -1 | 20 | 6 - days | 24 Oct 2023 | 29 Oct 2023 | 20 | 29 Oct 2023 |
| Sprint -2 | 20 | 6 - days | 1 Nov 2023 | 6 Nov 2023 | 20 | 5 Nov 2023 |
| Sprint -3 | 20 | 6 - days | 7 Nov 2023 | 12 Nov 2023 | 17 | 15 Nov 2023 |
| Sprint -4 | 20 | 6 - days | 14 Nov 2023 | 19 Nov 2023 | 18 | 21 Nov 2023 |

**Velocity:**

Imagine we have a 10-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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

**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 methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.