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

| Date | 1 November 2022 |
|---|---|
| Team ID | PNT2022TMID26809 |
| Project Name | Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy |
| Maximum Marks | 8 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, and confirming my password. | 2 | High | Thenmozhi,sharmila |
| Sprint-1 | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Kiruthika,sasipriya |
| Sprint-2 | | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | Mohammedalthaf,thenmozhi |
| Sprint-3 | | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | Sharmila |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | Sasipriya,kiruthika |
| Sprint-4 | Dashboard | USN-6 | User can see their dashboard | 2 | Medium | Mohammedalthaf,kiruthika |
| Sprint-2 | Validation | USN-7 | Validates user login id | 2 | Low | Thenmozhi,sharmila |
| Sprint-3 | Patient's name and ID | USN-8 | Doctor uses this report for seeing patient's activity | 1 | Medium | Thenmozhi,sharmila |
| Sprint-2 | Upload Images | USN-9 | Prediction part | 2 | High | Sasipriya, kiruthika |
| Sprint-4 | Logout | USN-10 | Logout from the current user | 2 | High | Thenmozhi, sharmila |

**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 | 20 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 3 Nov 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 16 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 18 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 15 | 19 Nov 2022 |

**Velocity:**

Velocity for Sprint-1 = 20/8 = 2.5

Velocity for Sprint-1 = 20/10 = 2

Velocity for Sprint-3 = 20/8 = 2.5

Velocity for Sprint-1 = 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.