# Project Planning Phase

**(Sprint Delivery plan)**

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| Date | 14 November 2022 |
| Team ID | PNT2022TMID50773 |
| 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)

To create sprint delivery plan schedule.

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| **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 byentering my email or phone number and  password, and confirming my password. | 10 | High | Sindhu Abirami |
| Sprint-1 | DashBoard | USN-2 | As a user, I will Redirect to the dashboard after registration which shows the  importance of DR. | 10 | Medium | Vaishnavi & Sushma |
| Sprint-2 | Login | USN-3 | As a user, I can log into the application byentering Login credentials. | 5 | High | Vanitha & Lingeshwari |
| Sprint-2 | Upload Images | USN-4 | As a user, I should be able to upload the imageof eye Retina. | 10 | High | Sindhu Abirami & Vanitha |

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| Sprint-2 | Dashboard | USN-5 | As a user, based on my requirement I cannavigate through the dashboard. | 5 | Medium | Sushma & Vaishnavi |
| Sprint-3 | Train the model | Task 1 | As a developer, the dataset will be uploaded and trained by developed algorithm. | 20 | High | Lingeshwari & Vanitha |
| Sprint-4 | Testing & Evaluation | Task 2 | As a developer, we tested the trained model using the provided dataset and model will be evaluated for accurate results. | 10 | High | Sindhu Abirami & Vaishnavi |
| Sprint-4 | Display predictedresult | USN-6 | As a user, I can view the predicted result in the dashboard. | 10 | High | Vanitha & Sushma |

# Project Tracker, Velocity & Burndown Chart: (4 Marks)

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total story point** | **Duration** | **Sprint Start Date** | **Sprint EndDate (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 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |

**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=20/10= 2

# Burn Down Chart & JIRA :

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.

JIRA Folder is created to show the Scrum methodologies and Burn Down chart progress.