Project Planning Phase

(Sprint Delivery plan)

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.

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 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 by entering Login credentials.	5	High	Vanitha & Lingeshwari
Sprint-2	Upload Images	USN-4	As a user, I should be able to upload the image of eye Retina.	10	High	Sindhu Abirami & Vanitha

Sprint-2	Dashboard	USN-5	As a user, based on my requirement I can navigate 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 & Burn down Chart: (4 Marks)

Sprint	Total story point	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	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 methodologies such as Scrum**.**

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.