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

Date	18 October 2022
Team ID	PNT2022TMID29594
Project Name	AI based localization and classification of skin disease with erythema
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	Hari Prasad V Hari Prakash S Sathishkumar E Siva K A
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Hari Prasad V Hari Prakash S Sathishkumar E Siva K A
Sprint-1	Login	USN-3	As a user, I can login for the application through Gmail	2	Medium	Hari Prasad V Hari Prakash S Sathishkumar E Siva K A
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	2	High	Hari Prasad V Hari Prakash S Sathishkumar E Siva K A
Sprint-2	Dashboard	USN-5	As a user, I can see the my profile, medical history, upload image , getting report services provided by the application	1	Medium	Hari Prasad V Hari Prakash S Sathishkumar E Siva K A

Sprint-2	Data input	USN-6	As a user, I can upload the images of the affected skin area	1	High	Hari Prasad V Hari Prakash S Sathishkumar E Siva K A
Sprint-3	Train model	USN-7	As a administrator , I can train a model to compare the images uploaded with the images in the database to detect the disease	2	High	Hari Prasad V Hari Prakash S Sathishkumar E Siva K A
Sprint-3	Image processing	USN-8	By comparing the images the disease will be detected with the given datasets	2	High	Hari Prasad V Hari Prakash S Sathishkumar E Siva K A
Sprint-4	Report generation	USN-9	Based on the detection of disease, report generated	2	High	Hari Prasad V Hari Prakash S Sathishkumar E Siva K A

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	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	14 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)

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

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.