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

Date	18 October 2022
Team ID	PNT2022TMID28896
Project Name	Project - 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	Srivatsav V Sai Sashank MVK Sethuraman B Muthuvel M
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Srivatsav V Sai Sashank MVK Sethuraman B Muthuvel M
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	Sai sashank MVK
	Registration	USN-4	As a user, I can register for the application through Google Account	2	Low	Sethuraman B
Sprint-1	Registration	USN-5	As a user, I can register for the application through Gmail	2	Medium	Srivatsav V

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-6	As a user, I can log into the application by entering email & password	1	High	Sai Sashank MVK Sethuraman B
Sprint-3	Dashboard	USN-7	As a user, I can see the description about the option in web application	2	Low	Srivatsav V
Sprint-3	Dashboard	USN-8	As a user, I can provide the necessary details and answer the question in that website honestly	2	High	Srivatsav V Muthuvel M
Sprint-3	Dashboard	USN-9	As a user, I upload the drawn images and get the desired result along with the accuracy	2	High	Srivatsav V Muthuvel M
Sprint-4	Dashboard	USN-10	As a user, I can able to see the Nearby located Hospitals, and some medication advices	1	Low	Sai Sashank MVK Sethuraman B
Sprint-4	Management	USN-11	As a Administrator, I will update our web application with additional features.	2	Low	Srivatsav V Muthuvel M
Sprint-4	Management	USN-12	As a Administrator, I can maintain third party Services	1	High	Srivatsav V Muthuvel M
Sprint-4	Management	USN-13	As a Administrator, I will collect new dataset and keep our model well trained to avoid noise and duplication.	2	High	Sai Sashank MVK Sethuraman B
Sprint-2	Management	USN-14	As a Administrator, I can maintain the information about the user and provide privacy to them	2	High	Sai Sashank MVK Sethuraman B

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	6	6 Days	24 Oct 2022	29 Oct 2022	6	29 Oct 2022

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-2	6	6 Days	20 Oct 2022	24 Oct 2022	6	24 Oct 2022
Sprint-3	6	6 Days	20 Oct 2022	24 Oct 2022	6	24 Oct 2022
Sprint-4	6	6 Days	25 Oct 2022	28 Oct 2022	6	29 Oct 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)

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

$$\textbf{AV (Sprint 1)} = \textbf{6/6} = \textbf{1}$$

$$\textbf{AV (Sprint 2)} = \textbf{6/6} = \textbf{1}$$

$$\textbf{AV (Sprint 3)} = \textbf{6/6} = \textbf{1}$$

$$AV \text{ (Sprint 4)} = 6/6 = 1$$

$$AV \text{ (Total)} = 24/24 = 1$$

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.