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

Date	18 November 2022
Team ID	PNT2022TMID33733
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	Praveen K, Saran M
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Ragul M, Mohamadhu ismail N
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	Praveen K, Saran M Rgul M
	Registration	USN-4	As a user, I can register for the application through Google Account	2	Low	Praveen K, Saran M Mohamadhu ismail N
Sprint-1	Registration	USN-5	As a user, I can register for the application through Gmail	2	Medium	Ragul M, Mohamadhu ismail N
Sprint-1	Login	USN-6	As a user, I can log into the application by entering email & password	1	High	Praveen K, Ragul M Saran M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Dashboard	USN-7	As a user, I can see the description about the option in web application	2	Low	Ragul M, Mohamadhu ismail N
Sprint-3	Dashboard	USN-8	As a user, I can provide the necessary details and answer the question in that website honestly	2	High	Praveen K, Saran M Mohamadhu ismail N
Sprint-3	Dashboard	USN-9	As a user, I upload the drawn images and get the desired result along with the accuracy	2	High	Praveen K, Saran M
Sprint-4	Dashboard	USN-10	As a user, I can able to see the Nearby located Hospitals, and some medication advices	1	Low	Saran M Mohamadhu ismail N
Sprint-4	Management	USN-11	As a Administrator, I will update our web application with additional features.	2	Low	Praveen K, Mohamadhu ismail N
Sprint-4	Management	USN-12	As a Administrator, I can maintain third party Services	1	High	Praveen K, Saran M Mohamadhu ismail N
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	Praveen K, Saran M Mohamadhu ismail N
Sprint-2	Management	USN-14	As a Administrator, I can maintain the information about the user and provide privacy to them	2	High	Praveen K, Saran M Mohamadhu ismail N

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-2	6	6 Days	31 Oct 2022	05 Nov 2022	6	05 Nov 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	6	12 Nov 2022
Sprint-4	6	6 Days	14 Nov 2022	19 Nov 2022	6	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)

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

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

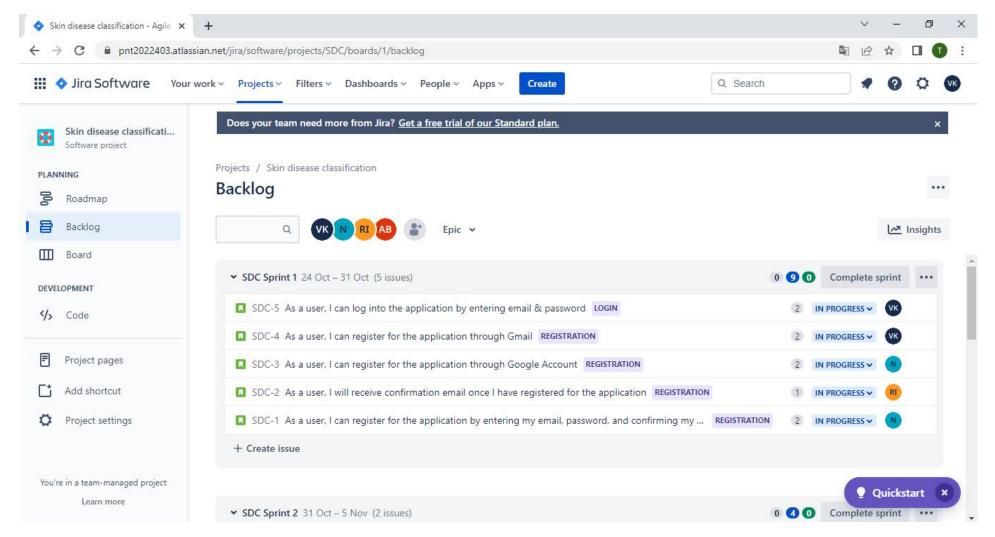$$\textbf{AV (Sprint 2)} = \textbf{6/6} = \textbf{1}$$

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

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

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

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.

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts