Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	27October 2022
Team ID	PNT2022TMID24405
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 and login into application by entering my email, password, and confirming my password.	7	High	Kaviya.C Sneha.N
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application and correct details about medical report	6	High	Kaviya.C Pooja.G
Sprint-2	Register/Screening	USN-3	As a user, I can register for the application through mobile and find the method more efficient and accurate	12	High	Sneha.N Pooja.G
Sprint-1		USN-4	As a user, I can use it physical interaction with device	3	Medium	Kaviya.C
Sprint-4	Login	USN-5	As a user ,I can use the database and software installed I can log into the application by entering login credentials	7	High	Pooja.G Adhilakshmi.R
Sprint-2		USN-6	As a user ,find the light weight	8	high	Adhilakshmi.R Sneha.N
Sprint-3	Safety/Testing	USN-7	As a user ,I can be safe as the detection method and undergo testing without fear of pain	6	Medium	Kaviya.C Sneha.N
Sprint-3	Dashboard	USN-8	As a user , I can upload my images and get my details of skin diseases	5	High	Adhilakshmi.R Pooja.G

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	logout	USN-7	As a user ,I can logout successfully	4	Medium	Sneha.N
Sprint-4	Feedback	USN-8	As a user/customer care executive ,I can able to interact with all and get their feedback from them which can used to enhance the scope of projects	7	Medium	Pooja.G Kaviya.C
Sprint-3		USN-9	As a user I can conduct the awareness among people to undergo frequent medical check up	4	Medium	Sneha.N Adhilakshmi.R
Sprint-3		USN-10	As a user I can get the results immediately after screening process	5	Medium	Kaviya.C
Sprint-4		USN-11	Based on the prediction of skin diseases, the health care report generated to provide feedbacks	6	Medium	Adhilakshmi.R

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	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)

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

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.