

Team ID	PNT2022TMID26285
Team Name	AI-Based Localization And Classification Of Skin Disease With Erythema

CLASSIFICATION OF SKIN DISEASE WITH ERYTHEMA



Project Planning Phase:

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

Date	18 October 2022
Team ID	PNT2022TMID26285
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 a 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 username, email, and password	2	High	Nisha Preetha,Riffat Rida,Shaeba Elizabeth John,Stephena
Sprint-1		USN-2	As a user, I will receive a confirmation email once I have registered for the application	1	High	Nisha Preetha,Riffat Rida,Shaeba Elizabeth John,Stephena
Sprint-2	Login	USN-3	I can log into the application by entering the directories.	2	Low	Nisha Preetha,Riffat

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Rida,Shaeba Elizabeth John,Stephena
Sprint-3	Model Creation	USN-4	Creating a model that would analyze and detect erythema	2	Medium	Nisha Preetha,Riffat Rida,Shaeba Elizabeth John,Stephena
Sprint-3		USN-5	Finding the type of erythema from the given images	1	High	Nisha Preetha,Riffat Rida,Shaeba Elizabeth John,Stephena
Sprint-4	Log-out	USN-6	Logging out the application.	1		Nisha Preetha,Riffat Rida,Shaeba Elizabeth John,Stephena

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	3	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	2	10 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	3	17 Nov 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-4	20	6 Days	14 Nov 2022	19 Nov 2022	2	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)

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

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.

