

Project Planning Phase

Date	18 October 2022
Team ID	PNT2022TMID10852
Project Name	AI based localization and classification of skin disease and erythema
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation :

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 into this application by entering my details like name, password and confirming my password	2	High	A.Kavya R.Dhivya Bharathi
Sprint-1		USN-2	As a user, after registering I will receive an confirmation mail to the respected mail with which I have registered	4	High	S.Abarna B.Gayathri
Sprint-2	Register/screening	USN-3	As a user, I can register through mobile.	2	High	R.Dhivya Bharathi A.Kavya
Sprint-1		USN-4	As a user, I can use it physical interaction with device.	2	Medium	A.Kavya R.Dhivya Bharathi
Sprint-4	Login	USN-5	As a user, after registering I can log in to the application using the respective mail id and password	5	High	A.Kavya R.Dhivya Bharathi
Sprint-2		USN-6	As a user, find the light weight.	3	High	S.Abarna B.Gayathri
Sprint-3	Safety/Training	USN-7	As a user, I can be safe as the detection method and undergo treatment without fear of pain.	5	Medium	A.Kavya R.Dhivya Bharathi
Sprint-3	Dashboard	USN-8	As a user, I can upload my image and able to know the details of skin disease.	2	High	S.Abarna B.Gayathri
Sprint-1	Logout	USN-7	As a user, I can logout successfully	4	Medium	R.Dhivya Bharathi A.kavya

Sprint-4	Feedback	USN-8	As a user/customer care executive, I can able to interact with all and get their feedback from them when can used to enhance the scope of projects.	2	Medium	S.Abarna B.Gayathri
Sprint-3		USN-9	As a user, I can conduct awareness among people to undergo frequent medical checkup.	3	Medium	R.Dhivya Bharathi A.Kavya
Sprint-3		USN-10	As a user, I can get the results immediately after the scanning process.	5	Medium	S.Abarna B.Gayathri
Sprint-4		USN-11	Based on the prediction of skin disease, the health care report generated to provide feedbacks.	4	Medium	R.Dhivya Bharathi A.Kavya

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	18 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Lets calculate the teams average velocity(AV) per iteration unit (Story points per day)

$$\begin{aligned}
 \text{AV} &= \text{Sprint duration} / \text{Velocity} \\
 &= 20 / 10 \\
 &= 2.
 \end{aligned}$$

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.

