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

Date	22 October 2022
Team ID	PNT2022TMID07004
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.	1	High	Rajpriya R Reshma M Kiruba R Narmadha A
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Rajpriya R Reshma M Kiruba R Narmadha A
Sprint-1		USN-3	As a user, I can register for the application through Facebook	2	Low	Rajpriya R Reshma M Kiruba R Narmadha A
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Rajpriya R Reshma M Kiruba R Narmadha A
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Rajpriya R Reshma M Kiruba R Narmadha A
Sprint-2		USN-6	As a user, I can log into the application by entering username & password	2	Medium	Rajpriya R Reshma M Kiruba R Narmadha A
Sprint-3	Dashboard	USN-7	Home page displays the problem statement	2	Medium	Rajpriya R Reshma M Kiruba R Narmadha A

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-8	The home page contains the demo video through which the user can learn how to use the system.	1	High	Rajpriya R Reshma M Kiruba R Narmadha A
Sprint-4	Analysis	USN-9	Image is uploaded from the gallery and it is predicted	1	High	Rajpriya R Reshma M Kiruba R Narmadha A
Sprint-4		USN-10	Through the webcam a image is captured and skin disease is predicted	2	Low	Rajpriya R Reshma M Kiruba R Narmadha A
Sprint-4		USN-11	Diseases will be predicted with its accuracy rate and be displayed on the screen.	1	High	Rajpriya R Reshma M Kiruba R Narmadha A
Sprint-2	Logout	USN-12	Once the disease is detected the user will logout the system	2	Medium	Rajpriya R Reshma M Kiruba R Narmadha A

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Functional Requirement	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Registration	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Login\Logout	20	6 Days	31 Oct 2022	05 Nov 2022		05 Nov 2022
Dashboard	20	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Analysis	20	6 Days	14 Nov 2022	19 Nov 2022		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 burndown 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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

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
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