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

Date	5 November 2022
Team ID	PNT2022TMID26211
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.	5	High	Kumaran S Balu C
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application.	1	High	M.L.Jeevanandhan B.S.Jeswanth
Sprint-1		USN-3	As a user, I can take a photo and upload in a Application.	5	High	Kumaran S M.L.Jeevanandhan
Sprint-1		USN-4	As a user, I can receive a result of image I uploaded	2	Medium	Balu.C Kumaran S
Sprint-1		USN-5	As a user, I can consult a doctor according to the result I receive.	7	High	M.L.Jeevanandhan KumaranS
Sprint-2	Dashboard	USN-6	As a user, I can enter the age and professional	2	Medium	Balu C B.S.Jeswanth
Sprint-2		USN-7	As a user, I can upload a photo also from a gallery and drive	3	Low	Balu.C
Sprint-2		USN-8	As a user, I can re upload a photo whether it show a some error	15	Medium	Kumaran S Balu C

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-9	As a user, I can re upload a photo whether it show a some error	15	Low	Kumaran S Balu C
Sprint-3		USN-10	As a user, I can download the result of application for the uploaded image by using a download button	5	High	Kumaran S M.L.Jeevanandhan
Sprint-4		USN-11	As a admin,I can maintain data of the user safely	2	HIgh	Balu.C Kumaran S
Sprint-4		USN-12	As a admin,i can manage a image and updation of disease for train a app regularly.	18	Medium	M.L.Jeevanandhan KumaranS

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.

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

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

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

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