Project Planning Phase

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

Date	30 October 2022
Team ID	PNT2022TMID10462
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.	3	High	Anish

Sprint		USN	User Story	Story Points	Priority	Team Member
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	Medium	Archana
Sprint-2		USN-3	As a user, I can register for the application through mobile number	3	High	Anto maria swetha
Sprint-2		USN-4	As a user. I will receive confirmation SMS	3	High	Arul kumar
Sprint-2	Login	USN-5	As a user, I can log into the application by entering login credentials	3	High	Anish Archana
Sprint-3	Dashboard	USN-6	As a user, I can upload my images and get my details of skin diseases	3	High	Anto maria swetha Arul kumar
Sprint-1	Logout	USN-7	As a user, I can logout successfully	2	Medium	Archana
Sprint-	Feedback	USN-8	As a customer	2	Medi	

4			care executive, I can able to interact with all the customer and get their feedback which is used to enhance the scope of the project		um	Anish
Sprint-3	Image processing, localization	USN-9	The uploaded image is preprocessed and fed into the trained YOLO model	3	High	Archana Anto maria swetha
Sprint-4	Classification and prediction	USN-9	The YOLO model classify and predict the type of disease and the area affected	3	High	Arul kumar Anish Anto maria swetha

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	29 Oct 2022	O4 Nov 2022	20	4 Nov 2022

Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022

						Archana
Sprint-4	Report Generation	USN-10	Based on the prediction of skin diseases, the health care report generated to provide feedbacks	2	Medium	Arul kumar Anish

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

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)

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

Average Velocity = Story Points per Day Sprint Duration = Number of (Duration) days per Sprint Velocity = Points per Sprint

$$AV = 20/6 \approx 4$$

Therefore, the AVERAGE VELOCITY IS 4 POINTS PER SPRINT

Burn down 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.

BurntDown Chart

80	

- remaining effort
- ideal effort

Values shown on chart: 80, 69, 66.66666667, 48, 53333, 40, 26, 6666, 14, 13.3333333, 6, 0

DAY 0, DAY 1, DAY 2, DAY 3, DAY 4, DAY 5, DAY 6