Project Planning Phase

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

Date	14 November 2022
Team ID	PNT2022TMID21090
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
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.	2	High	Nithin K. Nikil V, Rahul S Jagadeesh
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Nithin K Jagadeesh, Nikil V Rahul S
Sprint-1		USN-3	As a user, I can register for the application through Facebook	2	Low	Nithin K Jagadeesh, Nikil V Rahul S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2		USN-4	As a user, I can register for the application through Gmail	2	Medium	Nithin K Jagadeesh, Nikil V Rahul S
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Nithin K Jagadeesh, Nikil V Rahul S
Sprint-3	Dashboard	USN-6	As an customer care Admin He/she can view the customer queries and feedbacks	1	High	Nithin K Jagadeesh, Nikil V Rahul S
Sprint-3		USN-7	User can view the persons complete medical analysis and accuracy of disease prediction	2	High	Nithin K Jagadeesh, Nikil V Rahul S
Sprint-4	Administer	USN-8	As an admin He/she can update the health Details	2	Medium	Nithin K Jagadeesh, Nikil V Rahul S
Sprint-4		USN-9	User story/Task	2	High	Nithin K Jagadeesh, Nikil V Rahul S
Sprint-4		USN-10	As an admin He/she can add or delete Users	2	High	Nithin K Jagadeesh, Nikil V Rahul S

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	30	30 Oct 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	49	06 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	50	07 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: