Project Planning Phase

Project Milestone and Activity List

Team ID	PNT2022TMID04387
Project Name	Project - Visualizing and Predicting Heart Diseases with an Interactive Dash Board

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functionl Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Story points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can registerfor the application by entering my email, password, and confirming my password.	I can access my account / dashboard	10	high	Indhu Prakash K V
		USN-2	As a user, I will receiveconfirmation email once I have registered for the application	I can receive confirmation email & click confirm	5	High	Karan N S
		USN-3	As a user, I can registerfor the application through Gmail	I can register & access the dashboard with Gmail Login	5	High	Lalith Mohan
Sprint-2	Login	USN-4	After Registration Login page will appear, the user will login using the login credentials	I can register & access the dashboard with Gmail Login	20	High	Indhu Prakash K V Kasthuri Rangan S
Sprint-3	Dashboard	USN-5	The user is allowed toview or update is profile	I can see the profile.	10	Medium	Karan N S Lalith Mohan S

		USN-7	The user can changepassword	I can able to change the password.	10	Medium	Kasthuri Rangan
Sprint-4	Classified result	USN-8	Home - Analyse your Heart	I can detect the heart condition from where ever I want.	5	High	Indhu Prakash K V
		USN-9	The user will have to fill in the 13 required fields for the system topredict a heart disease	This will prevent the user to predict whether I has heart disease or not based on the values I entered	10	High	Lalith S Karan N S Kasthuri Rangan S
		USN-10	The report is generatedbased on the condition	The user can able to view/download the report if needed	5	Medium	Indhu Prakash K V

Project Tracker, Velocity & Burn down 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	31 Oct 2022	05 Oct 2022		
Sprint-2	20	6 Days	07 Oct 2022	12 Nov 2022		
Sprint-3	20	3 Days	14 Nov 2022	16 Nov 2022		
Sprint-4	20	3 Days	17 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 = sprint duration/velocity = 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.