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

Date	8 November 2022
Team ID	PNT2022TMID25912
Project Name	Visualizing and predicting heart diseases with an interactive dashboard
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.	9	High	Sowmiya
			As a user, I will receive confirmation email onceI have registered for the application	4	Low	Vaishnavi
		USN-2	As a user, I can register for the application through Gmail	7	Medium	Nishitha
	Login	USN-3	As a user, I can log into the application by entering email & password	9	High	Sanju
Sprint-2	Data Preparation	USN-4	Preparing the user data convert into a data modules.	9	High	Sowmiya, Sanju
	Creating the Interactive Dashboard	USN-5	Creating the dashboard to display the Visualizations which gives the patients Health details.	7	Medium	Vaishnavi, Nishitha
Sprint-3	Creating the Interactive Report and Story	USN-6	Creating the report and the story by applying the animations.	9	High	Nishitha, Sowmiya, Vaishnavi
Sprint-4	Creating the Web application	USN-7	Embed cognos analytics dashboard and to create web application.	9	High	Sanju, Sowmiya, Vaishnavi

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	04 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	11 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.

Chart Title