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

Date	26 October 2022
Team ID	PNT2022TMID22030
Project Name	Visualizing and predicting Heart disease 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	Cholesterol Level	USN-1	Cholesterol is essential for your body to work, although too much 'bad cholesterol' can lead to fatty deposits building up in your arteries. These fatty deposits can increase your risk of developing heart conditions.	2	High	Pavan Kalyan. S Thameem Ansari .S Somesh M S Prashanth .M
Sprint-2	Thallium	USN-2	As in humans, animal studies indicate that exposure to large amounts of thallium for brief periods of time can damage the nervous system and heart and can cause death.	1	Low	Pavan Kalyan. S Thameem Ansari. S Somesh M S Prashanth .M
Sprint-3	EKG(Electro Cardiogram)	USN-3	An electrocardiogram (ECG or EKG) records the electrical signal from the heart to check for different heart conditions. Electrodes are placed on the chest to record the heart's electrical signals, which cause the heart to beat.	2	High	Pavan Kalyan. S Thameem Ansari. S Somesh M S Prashanth .M
Sprint-3	Exercise Angina	USN-4	Angina is a symptom of coronary artery disease.A type of chest pain caused by reduced blood flow to the heart.	2	High	Pavan Kalyan. S Thameem Ansari. S Somesh M S Prashanth .M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	ST depression	USN-5	An ST-elevation myocardial infarction (STEMI) is a type of heart attack that is more serious and has a greater risk of serious complications and death.	1	Medium	Pavan Kalyan. S Thameem Ansari. S Somesh M S Prashanth .M
	Dashboard	USN-6				

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