Project Planning Phase

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

Date	18 November 2022
Team ID	PNT2022TMID10901
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	Mathan C Mukunthan B Sasikumaran T
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	Srivijay B Mathan C
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	Mathan C Mukunthan B Sasikumaran T
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	Srivijay B Mathan C
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.		Medium	Mathan C Mukunthan B Sasikumaran T
	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	7 Days	23 Oct 2022	30 Oct 2022	20	30 Oct 2022
Sprint-2	20	7 Days	01 Nov 2022	06 Nov 2022	20	06 Nov 2022
Sprint-3	20	7 Days	08 Nov 2022	13 Nov 2022	20	13 Nov 2022
Sprint-4	20	7 Days	15 Nov 2022	20 Nov 2022	20	20 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)
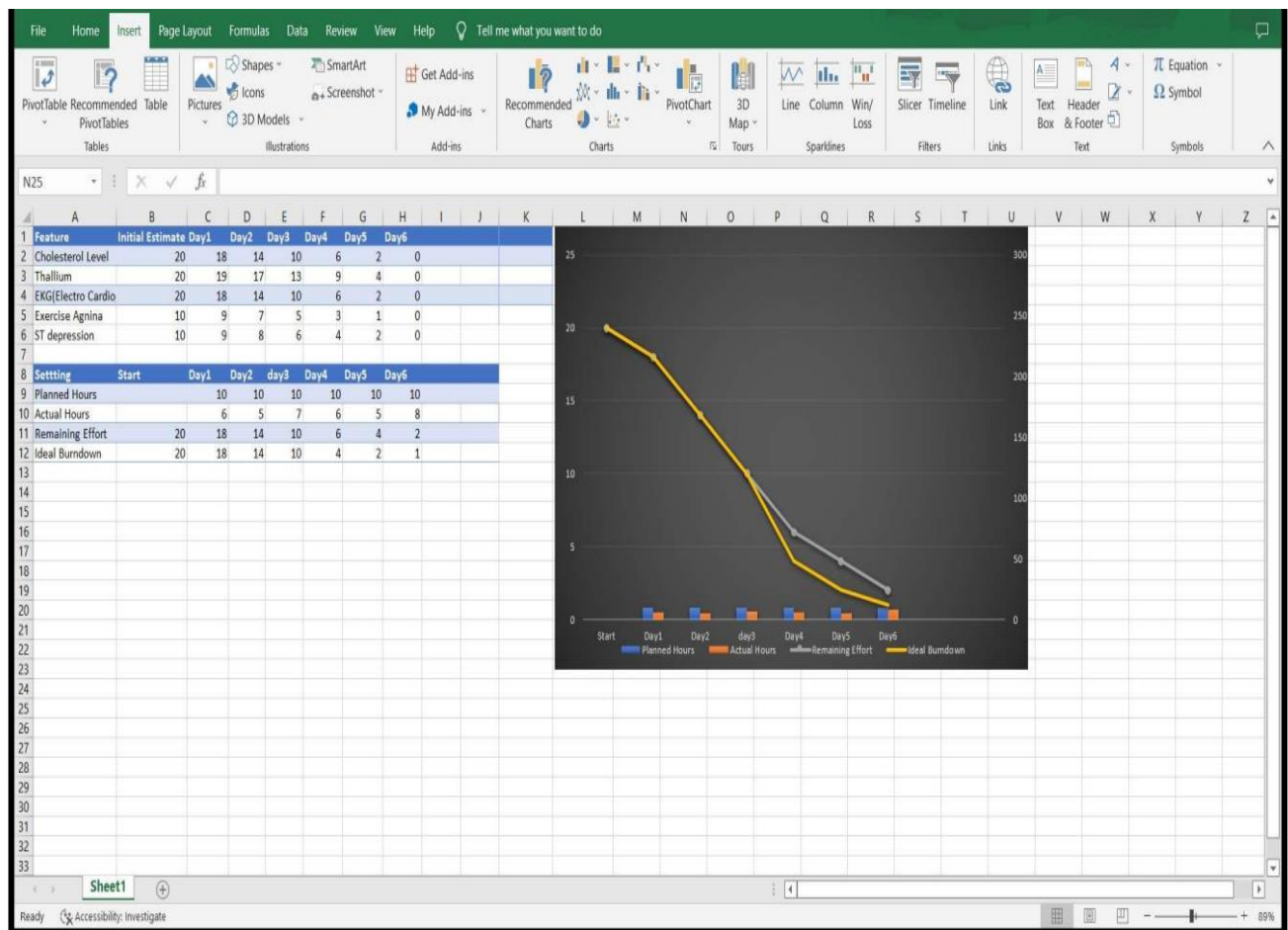
burndown_chart_project.xlsx

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/project-management/estimation