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

Date	2 November 2022
Team ID	PNT2022TMID16827
Project Name	Project - Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Analysing the dataset	USN-1	the dataset has to be understandable and must contain all the information for the creation of the dashboard	1	High	1
Sprint-1	Getting started with IBM Cognos	USN-2	Has to explore and create sample dashboard for better performance	1	High	1
Sprint-2	Solving problems	USN-3	All the questions that are being created are met and finding best solutions or alternative to rectify the problem	2	Low	2
Sprint-3	Design thinking	USN-4	Coming up with a user friendly and creative interactive design for the dashboard	2	Medium	2
Sprint-4	Implementation of dashboard	USN-5	As a user, the dashboard has to be interactive and easily predictable for driving solutions	2	High	4

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	23 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	-
Sprint-3	20	7 Days	07 Nov 2022	13 Nov 2022	20	-
Sprint-4	20	15 Days	14 Nov 2022	28 Nov 2022	20	-

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