Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID47320
Project Name	Project - Visualising 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	Login	USN-1	As a user, if I have an IBM account I will login.if I don't have an IBM account ,I have to create.	10	High	Niranjana Sangavi
Sprint-1	Working With Dataset	USN-2	We upload, understand and create the dataset.After we are working With the dataset.	10	High	Shanmuga priya Varshini
Sprint-2	Exploration of Data	USN-3	We can explore the dataset.	20	Low	Niranjana Varshini
Sprint-3	Data Visualization	USN-4	We can visualize the dataset by using different charts.	20	Medium	Sangavi Shanmuga Priya
Sprint-4	Prediction and Visualization	USN-5	We can predict the heart disease of the patient by using their given data and can visualize it.	20	High	Niranjana Sangavi Shanmuga priya Varshini

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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$