Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID40418
Project Name	Visualizing And Predicting Heart Diseases with An Interactive Dash Board
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story points	Priority	Team Members
Sprint1	Data Preprocessing and Exploratory Data Analysis(EDA)	USN-1	Data cleaning is implemented to check whether, there are any null values or any outliers are found	10	Medium	Srinivasan S Vasanthavasan G Faayiz khan N Saravanan GG
		USN-2	Testing and Training the data model is implemented using Jupyter notebook	10	High	Srinivasan S Vasanthavasan G Faayiz khan N Saravanan GG
Sprint2	Working with dataset	USN-3	Working with the Dataset. Understand Dataset Load the Dataset Explore the Data Visualize the Data.	20	Medium	Srinivasan S Vasanthavasan G Faayiz khan N Saravanan GG
Sprint3	Data Visualization	USN-4	we plan to create various graphs and charts to highlight the insights and visualizations with the given attributes	20	High	Srinivasan S Vasanthavasan G Faayiz khan N Saravanan GG
Sprint4	Dashboard	USN-5	Dashboard Showing Different Types Of Visuals	15	High	Srinivasan S Vasanthavasan G Faayiz khan N Saravanan GG

		USN-6	User can able to generate Report and Story	5	Medium	Srinivasan S Vasanthavasan G Faayiz khan N Saravanan GG

Project Tracker, Velocity & Burn down 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	26 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	02 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	09 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	16 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