Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID23310
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	8 Marks

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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Sprint 1	Pre-processing the dataset	USN-1	Data Loading	Loading the dataset	High	Gokul D Chris Harry P Vigneshraj V Hari Haran V Ruthresh Kumar R
		USN-2	Data Cleaning	Deleting redundant values, missing values and wrong data	High	

Sprint 2	Training the dataset	USN-3	Training the given dataset with suitable algorithm	The given dataset trained without any errors.	High	Gokul D Chris Harry P Vigneshraj V Hari Haran V Ruthresh Kumar R
	Testing the Dataset	USN-4	Testing the trained data with some input	The testing goes well with correct prediction		
Sprint 3	Results and Metrics	USN-5	Computing the results based on prediction and enhancing the results.	Results should match the expected accuracy rate	High	Gokul D Chris Harry P Vigneshraj V Hari Haran Ruthresh Kumar R
Sprint 4	Classified result	USN-6	Creating a UI to get the input from user to predict according to user needs	Fills the categories to visualize	High	Gokul D Chris Harry P Vigneshraj V Hari Haran V Ruthresh Kumar R
		USN-7	Displaying the result	After prediction the results are shown on the same web page	High	

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 (Expected)
Sprint-1	1	3 Days	24 Oct 2022	26 Oct 2022	1	26 Oct 2022
Sprint-2	1	3 Days	31 Oct 2022	02 Nov 2022	1	02 Nov 2022
Sprint-3	1	3 Days	07 Nov 2022	09 Nov 2022	1	09 Nov 2022
Sprint-4	1	6 Days	14 Nov 2022	19 Nov 2022	1	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)

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