Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID23382
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	Processing the dataset	USN-1	Loading the data	Importing dataset	High	Raj Kumar M Rahul Prakash S Naresh V Tharun Kumar E
		USN-2	Cleaning of Dataset	Deleting wrong data, wrong format values, missing values and wrong data	High	

Sprint 2	Training dataset	USN-3	Training the given dataset with suitable algorithm	Successful training with no errors in dataset	High	Raj Kumar M Rahul Prakash S Naresh V Tharun Kumar E
	Testing Dataset	USN-4	Test the trained data with user input data.	Right prediction	High	
Sprint 3	Results analysis	USN-5	Result computation and analyzing the acquired results.	Result meets the expected rate	High	Raj Kumar M Rahul Prakash S Naresh V Tharun Kumar E
Sprint 4	Classified result	USN-6	Creating UI to get the input from user to predict according to user needs	Fills the category fields to visualize	Moderate	Raj Kumar M Rahul Prakash S Naresh V Tharun Kumar E
		USN-7	Displaying the result	Results are published on the web UI	Moderate	

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)

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