

**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)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Expected)</b>
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)

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