Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID2059
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	Preparing Data for Analysis and Exploratory Data Analysis (EDA)	USN-1	To check for any null values or outliers, data cleansing is performed	10	Medium	Jyotsana KB Kavithazri G Keerthika A Gayathri R
		USN-2	Training and Testing Google Colab is used to implement the data model.	10	High	Jyotsana KB Kavithazri G Keerthika A Gayathri R
Sprint2	Working with dataset	USN-3	Working with the Dataset. Understand Dataset Load the Dataset Explore the Data Visualize the Data.	20	Medium	Jyotsana KB Kavithazri G Keerthika A Gayathri R
Sprint3	Data Visualization	USN-4	We plan to create a range of graphs and charts to display the insights and visualisations using the predetermined criteria.	20	High	Jyotsana KB Kavithazri G Keerthika A Gayathri R
Sprint4	Dashboard	USN-5	Dashboard Displaying Various Images	15	High	Jyotsana KB Kavithazri G Keerthika A Gayathri R

		USN-6	User can create reports and stories	5	Medium	Jyotsana KB Kavithazri G Keerthika A Gayathri R

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	7 Days	24 Oct 2022	31 Oct 2022	20	26 Oct 2022
Sprint-2	20	6 Days	01 Nov 2022	06 Nov 2022	20	02 Nov 2022
Sprint-3	20	7 Days	06 Nov 2022	13 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

BurntDown Chart

80
70
66.66666667
53.33333333
42
40
25
26.66666667
13
13.33333333
8
0

DAY 0 DAY 1 DAY 2 DAY 3 DAY 4 DAY 5 DAY 6

— remaining effort — ideal effort