Project Planning Phase

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

Date	06 November 2022
Team ID	PNT2022TMID21528
Project Name	Project – Global Sales Data Analytics
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Collection of Data	USN-1	Collect the dataset from kaggle	2	High	Navin Kumar Ashwin D Naveen E Bharat Srinivas
Sprint-2	Data Cleaning	USN-2	Importing the required libraries and Loading Data Cleaning and preparation of dataset	1	Medium	Navin Kumar Ashwin D Naveen E Bharat Srinivas
Sprint-3	Data Analysis and Visualization	USN-3	Analysis of data using different graph and find the trends and relation between the data	2	High	Navin Kumar Ashwin D Naveen E Bharat Srinivas
Sprint-4	Report Building	USN-4	Building report summarizing the data in the dataset with the appropriate graph and the trends	2	Medium	Navin Kumar Ashwin D Naveen E Bharat Srinivas

Project Tracker, Velocity & Burndown 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	0	
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	0	
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	0	
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	0	

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)

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

Burn Down Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

Expected Burndown Chart: