Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID43140
Project Name	Corporate Employee Attrition 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	Registration	USN-1	As a user, I can register for the applicatio users	2	High	Loganathan,swetha
Sprint-1	Login	USN-2	I can enter the creditials to login	1	High	Sneha
Sprint-1	Collect Data	USN-2	Collect data	2	High	Gowtham
Sprint-2		USN-3	Develop alogorithm	3	Low	Gowtham ,Loganathan
Sprint-2		USN-4	Create web app	2	Medium	swetha
Sprint-3		USN-5	Incorporate the algo and the process of database using cloud	3	High	Sneha swetha
Sprint -3	Dashboard	USN-6	Design and add the function of the dash board	2	High	Gowtham, Sneha
Sprint -4	Data process	USN-7	Create the visualize data in cognos	2	medium	Loganathan
Sprint -4	Final project	USN-8	Combination of All	3	High	Gowtham, loganathan,swetha,sneha

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	5	6 Days	24 oct 2022	05 Nov 2022	5	05 nov 2022
Sprint-2	5	6 Days	31 Oct 2022	10 Nov 2022	5	10 nov 2022
Sprint-3	5	6 Days	07 Nov 2022	16 Nov 2022	5	14 nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	18 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:

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.