Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID14579
Project Name	Project – Corporate Employee Attrition Analysis
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	Understanding of the dataset	USN-1	As a user, I collect the relevant data through online surveys, employee feedback and company records	2	High	Dhaarani
Sprint-2	Data module creation & Exploration	USN-2	As a user, I need to pre-process the collected data	1	High	Soundarya, Dhivya, Padma
Sprint-3	Visualization charts	USN-3	As a user, I visualize the data through different charts for deriving insights	2	Medium	Dhaarani, Dhivya
Sprint-4	Final Dashboard & exporting it	USN-4	As a user, I can get the final dashboard which provides factors causing attrition	2	Medium	Soundarya, Padma

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	29 Oct 2022	01 Nov 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	05 Nov 2022	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	08 Nov 2022	09 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	11 Nov 2022	12 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)

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