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

Date	18 October 2022
Team ID	PNT2022TMID14675
Project Name	Project - Corporate Employee Attrition Analytics
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
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Sudharsanan M, Vishnuvardan J
Sprint-1		USN-2	As a user, I will receive a confirmation email once I have registered for the application	1	High	Sudharsanan M, Vishnuvardan J
Sprint-1		USN-3	As a user, I can register for the application through the company's office suite. (One click onboarding)	1	Low	Sudharsanan M, Vishnuvardan J
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	Rajheshwar V, Sarvesvaran M S
Sprint-2	Data collection	USN-5	As a user, I need to collect data and store it in a database for future analysis.	4	High	Rajheshwar V, Sarvesvaran M S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Dashboard	USN-6	As a user, I need an interactive dashboard where I can visualize and gather insights of the stored data.	4	High	Sudharsanan M, Vishnuvardan J
Sprint-4	Story generation	USN-7	As a user, I need to get a story about the analyzed data, which helps in analysis.	1	Medium	Sudharsanan M, Vishnuvardan J
Sprint-4	Report Generation	USN-8	As a user, I need to be able to generate a report on the gathered insights and visualizations at the end of analysis.	4	High	Rajheshwar V, Sarvesvaran M S
Sprint-2	Completion of Survey	USN-9	As a user, I need to view the forms posted by the company and be able to fill and submit them.	1	Medium	Rajheshwar V, Sarvesvaran M S

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	29 Oct 2022	5	29 Oct 2022
Sprint-2	5	6 Days	31 Oct 2022	05 Nov 2022	5	05 Nov 2022
Sprint-3	5	6 Days	07 Nov 2022	12 Nov 2022	5	12 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	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)

$$\text{AV} = \textit{Sprint Duration / Velocity} = 6 / 5 = 1.2$$