

Project Planning Phase

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

Date	25 October 2022
Team ID	PNT2022TMID00680
Project Name	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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	Medium	Sofiya S Ramya P Swathi P
Sprint-2	Login	USN-2	As a user, I can log into the application by entering email & password	5	Low	Ramya P Sanjana S Sakthi Sree V
Sprint-3	Dashboard	USN-3	As a CEO, I can use the predict button to know which factor keeps the employee at the company and which prompts others to leave.	5	High	Sofiya S Sakthi Sree V Sanjana S
Sprint-4		USN-4	As an employee of the organization, I can view, fill and submit the survey form that is displayed.	5	High	Sofiya S Sakthi Sree V Sanjana S Swathi P

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

Velocity:

we have a 6-day sprint duration, and the velocity of the team is 5 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \text{Sprint Duration} / \text{Velocity}$$

$$= 6 / 5$$

$$= 1.2$$