

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

Date	18 October 2022
Team ID	PNT2022TMID11482
Project Name	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	Login	USN-1	As a HR, I need to give employee id and password for each employee in the organization.	10	High	Aravintharaj T, Nithish kumar A, Gowtham R, Hariparasath M
Sprint-1	Login	USN-2	As a HR, I'll control the progress of each employee and the reasons leading to it like sentiment of employee, distance from home, office environment etc. And, I'll notify the employee with date/time.	10	High	Aravintharaj T, Nithish kumar A, Gowtham R, Hariparasath M
Sprint-2	Dashboard	USN-3	As an employee, I'll follow HR's instructions to reach maximum progress by proving subsidiaries.	10	Low	Aravintharaj T, Nithish kumar A, Gowtham R, Hariparasath M
Sprint-2	Dashboard	USN-3	Avail help to the employee as and when needed.	10	Low	Aravintharaj T, Nithish kumar A, Gowtham R, Hariparasath M

Sprint-3	Dashboard	USN-4	As a fellow HR, I'll gather all the Information about the emotions.	10	Medium	Aravintharaj T, Nithish kumar A, Gowtham R, Hariparasath M
Sprint-3	Dashboard	USN-4	Sentiments to track an employee's progress and load it into the database for decision making.	10	Medium	Aravintharaj T, Nithish kumar A, Gowtham R, Hariparasath M
Sprint-4	Dashboard	USN-5	As a HR head, I'll make sure everything is proceeding as planned and without any problems	20	High	Aravintharaj T, Nithish kumar A, Gowtham R, Hariparasath M

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date(Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date(Actual)</b>
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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)

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