

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

Date	18 October 2022
Team ID	PNT2022TMID53453
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	Dakshin Aravind M, Harsha Vardhan U, Robin Thomas T, Barath J
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	Dakshin Aravind M, Harsha Vardhan U, Robin Thomas T, Barath J
Sprint-2	Dashboard	USN-3	As an employee, I'll follow HR's instructions to reach maximum progress by proving subsidiaries and avail help to the employee as and when needed.	20	Low	Dakshin Aravind M, Harsha Vardhan U, Robin Thomas T, Barath J
Sprint-3	Dashboard	USN-4	As a fellow HR, I'll gather all the Information about the emotions and sentiments to track an employee's progress and load it into the database for decision making.	20	Medium	Dakshin Aravind M, Harsha Vardhan U, Robin Thomas T, Barath J
Sprint-4	Dashboard	USN-5	As a HR head, I'll make sure everything is proceeding as planned and without any problems	20	High	Dakshin Aravind M, Harsha Vardhan U, Robin Thomas T, Barath J

**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)

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