

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

Date	08 November 2022
Team ID	PNT2022TMID29044
Project Name	Project -Corporate employee attrition analytics
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 StoryNumber	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Collecting and preparing datasets	USN-1	As a user, I collect the required information about the corporate employee from the higher officials or from the office administration.	2	low	Gokulakannan.s Dharanidharan.M
Sprint-1		USN-2	As a user, I can also get the employee details through the company database.		High	Gokulakannan.s Dharanidharan. M
Sprint-1		USN-3	As a user, I segregate the data in a representable form which is used for the further steps.	1	high	Gokulakannan.s Dharanidharan. M
Sprint-2	Data visualization	USN-1	As a user,I analyse the data through visualization	2	medium	Gokulakannan.s Dharanidharan. M
Sprint-2		USN-2	As a user, I analyse the data through dashboards		high	Gokulakannan.s Dharanidharan. M
Sprint-2		USN-3	As a user, I analyse the data in the form of stories,graph,reports,etc.		low	Gokulakannan.S
Sprint-3	Data analysing	USN-1	As a user, I finally represent the results gained from the data analytics using python	2	high	Dharanidharan. M
Sprint-3		USN-2	Through python,I can calculate the attrition results		medium	Gokulakannan.S
Sprint-4	Reporting the results	USN-1	As a user , I can prepare reports from the data analysis process	1	medium	Gokulakannan.s Dharanidharan. M
Sprint-4		USN-2	From the reports, I can take necessary actions which results in employee attrition.		low	Gokulakannan.s Dharanidharan. M

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

<b>Sprint</b>	<b>Total StoryPoints</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date(Planned)</b>	<b>Story PointsCompleted (as onPlanned End Date)</b>	<b>Sprint Release Date(Actual)</b>
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	29 OOctober 2022	05 Novembet 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	05 November 2022	06 November 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	08 November 2022	09 November 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	11 November 2022	16 November 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)

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

