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

Date	18 October 2022
Team ID	PNT2022TMID15582
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	Understanding the datasets, Loading the datasets, Prepare the datasets	USN-1	Collecting the dataset and it is in unstructured format, so we need format it according to our needs.	1	Medium	Sureka S Manisha S Manju S Padmaja S
Sprint-2	Attrition Status, Attrition Based on business travel, Attrition based on department, job role, education and marital status	USN-2	Attrition in business can mean the reduction in staff and employees in a company through normal means, such as retirement and resignation, the loss of customers or clients to old age or growing out of the company's target demographic.	2	High	Sureka S Manisha S Manju S Padmaja S
Sprint-3	Based on salary hike percent, Based on number of companies worked, Based on monthly income groups Based on employee working group	USN-3	It may include base salary, wages, incentives and/or commission. Total compensation includes cash rewards as well as any other company benefits.	2	High	Padmaja S Sureka S Manju S Manisha S
Sprint-4	DASHBOARD	USN-4	It may include base salary, wages, incentives and/or commission. Total compensation includes cash rewards as well as any other company benefits.	2	High	Padmaja S Sureka S Manju S Manisha 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	20	6 Days	24 Oct 2022	29 Oct 2022	20	5 Nov 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	5 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	15	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	25	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)

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

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts