Project Planning Phase

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

Date	23 October 2022
Team ID	PNT2022TMID25104
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Abdullah S
Sprint-1		USN-2	As a user, I will receive a confirmation email once I have registered for the application.	3	High	Gokul S
Sprint-1		USN-3	As a user, I can register for the application through Gmail.	3	Medium	Kunal K
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password.	4	High	Abdullah S
Sprint-1	Sign in or Sign up	USN-6	As a user, I can use the Web application by login credential.	5	Medium	Kishore D

Sprint-2	User Authentication	USN-7	As an Analyst, I can log into the application by my access.	5	High	Kishore D
Sprint-2	Dataset	USN-5	As a user, I can upload the Dataset to the platform and Access it.	4	High	Kunal K
Sprint-2	User Authentication	USN-13	As an admin, I can handle user Security.	6	High	Abdullah S
Sprint-2	Virtualization	USN-13	Virtualizes the dataset based on problem.	3	Medium	Kunal K
Sprint-3	Dataset	USN-8	As an Analyst, I can evaluate all the information received via independent resources.	6	Medium	Gokul S
Sprint-3		USN-9	As an Analyst, I can check the fairness of the dataset.	8	Medium	Abdullah S
Sprint-3	Analyzing and virtualize the data	USN-10	As an Analyst, I can analyse and virtualize the dataset and give the actual reports.	6	High	Kishore D
Sprint-4	Train and Test the model	USN-11	As an Analyst, I can train and test the model to predict clearly	8	High	Kunal K
Sprint-4	Generate solution	USN-12	As an Analyst, I can give the Solution to the problem.	6	High	Gokul S
Sprint-4	Security	USN-14	As an admin, I can handle the total platforms Security and provide assurence.	6	High	Kishore D

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	18	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	18	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 06-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).

Teams Average velocity(AV)= Sprint Duration/ Velocity
=24/20
= **1.2**

Total number of days = sprint1 + sprint 2 + sprint 3 + sprint4
= 6 + 6 + 6 + 6
= **24**

Total number of story points = 18 + 18 + 20 + 20
= **76**

Average velocity per sprint = 76/24

= 3.1666666667

~ = **3**