Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMID41597
Project Name	Corporate Employee Attrition Analysis
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	User Interface	USN-1	As a user, I need an understandable User Interface to access the application with ease	5	High	SINDHU. S GAYATHRI. E GAYATHRI. P GAYATHRI. S
Sprint-1		USN-2	As an Analyst, I will check the dataset uploaded in the first place	3	High	SINDHU. S GAYATHRI. E GAYATHRI. P GAYATHRI. S
Sprint-2	Analysis	USN-3	As a user, I want various analysis measures to be performed for my CSV file	2	Low	SINDHU. S GAYATHRI. E GAYATHRI. P GAYATHRI. S
Sprint-2		USN-4	As an Analyst, I will perform all kinds of analysis for the uploaded CSV file	3	Medium	SINDHU. S GAYATHRI. E GAYATHRI. P GAYATHRI. S
Sprint-3	Report	USN-5	As a user, I can only understand the Analysis in animated presentation of dataset	3	Medium	SINDHU. S GAYATHRI. E GAYATHRI. P GAYATHRI. S

Sprint-3		USN-6	As an Analyst, I use Pandas-Profiling library along with Streamlit to display the report of the analysis in an animated way	3	Medium	SINDHU.S GAYATHRI.E GAYATHRI.P GAYATHRI.S

Sprint-4	Predictive Analysis	USN-7	As a user, I want to predict the attrition rate of the company from the dataset	5	Medium	SINDHU. S GAYATHRI. E GAYATHRI. P GAYATHRI. S
Sprint-4		USN-8	As an Analyst, I will perform Prediction Analysis by utilizing various libraries in python	3	High	SINDHU. S GAYATHRI. E GAYATHRI. P GAYATHRI. 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	5	6 Days	24 Oct 2022	29 Oct 2022	5	29 Oct 2022
Sprint-2	5	6 Days	31 Oct 2022	05 Nov 2022	5	05 Nov 2022
Sprint-3	5	6 Days	07 Nov 2022	12 Nov 2022	5	12 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	19 Nov 2022

We have an 6-day sprint duration, and the velocity of the team is 5 (points per sprint). To calculate the team's average velocity (AV) per iteration unit (story points per day)

AV=SPRINT DURATION/VELOCITY

=6/5

=1.2