PROJECT PLANNING PHASE
PROJECT PLANNING (PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORY POINTS)

Date	13 October 2022
TeamID	PNT2022TMID03456
ProjectName	Corporate Employee Attrition Analysis
MaximumMarks	5 Marks

ProductBacklog,Sprint Schedule,andEstimation(4Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration and Authentication	USN-1	As a user, I should be able to register in the application and the registered user should be authenticated and verified and logged in.	5	High	Saran E R Nitish Kumar Srikanth G V Venkata Sesha Sai Akilla
Sprint-2	Dataset upload and creating dashboards.	USN-3	As a user, I should be able to upload the dataset and do exploratory analysis and Explore patterns.	4	Medium	Saran E R Nitish Kumar Srikanth G V Venkata Sesha Sai Akilla
Sprint-2	Data Representation	USN-4	I present the data using analytical tools and present the data using charts and graphs.	5	Medium	Saran E R Nitish Kumar Srikanth G V Venkata Sesha Sai Akilla
Sprint-3	Model creation and testing	USN-5	I split the data into test and train data and create the model.	5	High	Saran E R Nitish Kumar Srikanth G V Venkata Sesha Sai Akilla

Sprint-4	Model Output	USN-6	The model is used to predict the attrition rate.	5	High	Saran E R Nitish Kumar Srikanth G V Venkata Sesha Sai Akilla

PROJECT TRACKER,VELOCITY & BURNDOWN CHART: (5 MARKS)

`Sprint	**Total Story Points**	**Duration**	**Sprint Start Date**	**Sprint End Date (Planned)**	**Story Points Completed (as on Planned EndDate)**	**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

VELOCITY:

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).

$$AVG\ VELOCITY\ (AV) = \frac{\text{SPRINT DELIVERY}}{\text{VELOCITY}}$$

$$= \quad 6 / 5$$

$$AVG\ VELOCITY\ (AV) \quad = \quad 1.2$$