Project Planning Phase

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

Date	05 November 2022
Team ID	PNT2022TMID36981
Project Name	Airlines Data Analytics for Aviation Industry
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
Sprint1	Data Preprocessing and Exploratory Data Analysis(EDA)	USN-1	Data cleaning is implemented to check whether, there are any null values or any outliers are found	10	Medium	Lavanya Nargish Jahan Suseela harinishree
		USN-2	Testing and Training the data model is implemented using Jupyter notebook	10	High	Lavanya Nargish Jahan Suseela harinishree
Sprint2	Working with dataset	USN-3	Working with the Dataset. Understanding the Dataset Loading the Dataset Exploring the dataset Visualize the Data.	20	Medium	Lavanya Nargish Jahan Suseela harinishree
Sprint3	Data Visualization	USN-4	We plan to create various graphs and charts to highlight the insights and visualizations with the given attributes	20	High	Lavanya Nargish Jahan Suseela harinishree
Sprint4	Dashboard	USN-5	Dashboard Showing Different Types Of Visuals	15	High	Lavanya Nargish Jahan Suseela harinishree

		USN-6	User can able to generate Report and Story	5	Medium	Lavanya Nargish Jahan Suseela harinishree

Project Tracker, Velocity & Burn down 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	22 Oct2022	29 Oct 2022	10	26 Oct 2022
Sprint-2	20	6 Days	26 Oct2022	05 Nov 2022	10	02 Nov 2022
Sprint-3	20	6 Days	05 Nov 2022	12 Nov 2022	10	09 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	10	16 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