Project Planning Phase

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

Date	8 NOVEMBER 2022
Team ID	PNT2022TMID00675
Project Name	AIRLINE DATA ANALYTICS FOR AVIATION INDUSTRY
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Retrieve the Data	USN-1	Retrieving the data from the passengers those who are traveling in flight and the data of flight	2	High	SINEKA.V SRUTHI.R
Sprint-1	Visualize the data	USN-2	After retrieving the data, we have to visualize the data for better understanding	1	High	THARANI.E VINOTHINI.P
Sprint-2	Track the flight timing and airline names	USN-3	Tracking the delays which are made by the flights and in other situations	2	Low	SINEKA.V VINOTHINI.P
Sprint-2	Create interactive graph	USN-4	At each scenario, we have to create a graph for better visualization	2	Medium	SRUTHI.R THARANI.E
Sprint-3	Create dashboard	USN-5	Creating interactive dashboard with the given dataset and information	1	High	SRUTHI.R SINEKA.V
Sprint-3	Creation of story	USN-6	Creating the story for each respective phase		High	VINOTHINI.P THARANI.E
Sprint-4	Predict the delays	USN-7	Finally, this project delivers the airlines which made most of the delays in airport and flight	1	High	SINEKA.V VINOTHINI.P

Project Tracker, Velocity & Burndown Chart:

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	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	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:

We have a 6-day sprint duration, and the velocity of the team is 20 (points per sprint). So our team's average velocity (AV) per iteration unit (story points per day)

AV = (Sprint Duration / Velocity)

= 20 /10

AV = 2

Burndown Chart: