

Project Planning Phase

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

Date	24 October 2022
Team ID	PNT2022TMID52969
Project Name	Project – Airlines Data Analytics For Aviation Indsutry
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

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 that.	2	Low	E.Naveen Raj
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	J.Praveen
Sprint-1	Login	USN-3	As a user, I adapt to logging into the system with credentials.	2	Low	P.Ranjith
Sprint-1	Designation of Region	USN-4	As a user, I can collect the dataset and select the region of interest to be monitored and analysed	5	Medium	S.Santhosh
Sprint-2	Exploration Of The Data	USN-5	As a developer,I will explore the given dataset through cognos.	6	High	E.Naveen Raj
Sprint-2	Visualization Of The Dataset	USN-6	As a developer,I will visualize the given dataset into a dashboard using cognos.	6	High	J.Praveen
Sprint-3	Customization Of The Dashboard	USN-7	As a user,I can customize the visualized dashboard.	6	Medium	P.Ranjith
Sprint-3	Ease of Access	USN-8	As a user,I can easily access and manipulate the dashboard.	6	Medium	S.Santhosh

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Report Generation	USN-9	As a user,I can view the detailed report of my visualization.	6	High	E.Naveen Raj J.Praveen
Sprint-4	Establishment of the Dashboard	USN-10	As a developer,I established the dashboard into a website and submit the website.	6	High	P.Ranjith S.Santhosh

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	12	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	12	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	12	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	12	19 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)

$$\text{Average velocity} = \text{Sprint duration} / \text{velocity} = 12/6 = 2$$