

Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMID21992
Project Name	Airlines Data Analytics For Aviation Industry
Maximum Marks	8 Marks

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

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 by entering my mail - id card and request..	2	High	CHARUMATHI S BENNY PRIYA D
		USN-3	As a user, I can register for the application through Gmail	2	Medium	CHARUMATHI S BENNY PRIYA D
	Login	USN-4	As a user, I can Call and request or Approach for dataset	4	High	CHARUMATHI S BENNY PRIYA D
	Working with the Dataset	USN-5	To work on the given dataset, Understand the Dataset.	2	High	CHARUMATHI S BENNY PRIYA D
		USN-6	Load the dataset to Cloud platform then Build the required Visualizations.	10	High	CHARUMATHI S BENNY PRIYA D
Sprint-2	Data Visualization Chart	USN-7	Using the AIRLINES and countries in dataset, create various graphs and charts to highlight the insights and visualizations. *Build a Visualization to showcase airports by continent	4	Medium	CHARUMATHI S MONICA K MADHUMITHA K

			*Showcase the continent by airports and id	4	Medium	CHARUMATHI S MONICA K
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Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			Build a visualization to show case Continent Wise Count Of Airports Using Geo Map	4	Medium	MONICA K MADHUMITHA K
			Build the required Visualization to showcase Country Wise Airports With Types	4	Medium	MONICA K MADHUMITHA K
			Build Visual analytics to represent Dashboard Showing Count Of Flights By Types, Countries And Continents	4	Medium	CHARUMATHI S MONICA K
Sprint-3	Creating The dashboard	USN-8	Create the Dashboard by using the created visualizations.	20	High	CHARUMATHI S MADHUMITHA K
Sprint-4	Export The Analytics	USN-9	Export the created Dashboard	20	High	MONICA K MADHUMITHA K BENNY PRIYA D

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	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 24-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)

$$AV = \text{Sprint Duration} / \text{Velocity} = 24 / 20 = 1.2$$

Burndown Chart: A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

