

Project Planning Phase

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

Date	21 October 2022
Team ID	PNT2022TMID50313
Project Name	Retail Store Stock Inventory Analytics
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 by entering my credit card	2	High	Malathi M
		USN-3	As a user, I can register for the application through Gmail	2	Medium	Guru Lakshmi B
	Login	USN-4	As a user, I can Call and request or Approach for dataset	2	High	Priyanka N
	Working with the Dataset	USN-5	To work on the given dataset, Understand the Dataset.	2	High	Monisha@selvi S Priyanka N
		USN-6	Load the dataset to Cloud platform then Build the required Visualizations.	10	High	Guru Lakshmi B Malathi M
Sprint-2	Data Visualization Chart	USN-7	Using the in Pharama Monthly sales dataset, create various Graphs and charts to highlight the insights and visualizations. *Year wise price using line graph	4	Medium	Malathi M
			*Year wise stock using line graph *Summary cards of total revenue,sales,stock,price	4	Medium	Monisha@selvi S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			*Top 10 sales by year using line graph	4	Medium	Guru Lakshmi B
			*Monthly sales using tree map	4	Medium	Priyanka N
			*Monthly revenue by pie chart	4	Medium	Malathi M
Sprint-3	Creating The dashboard	USN-8	Create the Dashboard by using the created visualizations.	20	High	Malathi M Guru Lakshmi B Monisha@selvi S Priyanka N
Sprint-4	Export The Analytics	USN-9	Export the created Dashboard	20	High	Malathi M Guru Lakshmi B Monisha@selvi S Priyanka N

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	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.

Burndown Chart

