

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	22October 2022
Team ID	PNT2022TMID27973
Project Name	Project - Retail Store Stock Inventory Analytics
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 my password.	2	High	Aiswaryaa V
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Akalya S
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Harini C
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Nachammai N
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Harini C Nachammai N
Sprint-2	Dashboard	USN-6	As a user, I can view the year wise price representation of the dataset	6	Medium	Aiswaryaa V Akalya S
Sprint-3		USN-7	As a user, I can view the year wise stock representation of the dataset.	4	Medium	Harini C Nachammai N
Sprint-3		USN-8	As a user, I can view the top 10 sales of the given dataset	4	Medium	Aiswaryaa V Akalya S
Sprint-3		USN-9	As a user, I can view the monthly sales of stock for the dataset.	4	Medium	Harini C Nachammai N

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4		USN-10	As a user, I can view the monthly revenue of the stock for the dataset.	4	Medium	Aiswaryaa V Akalya S
Sprint-4		USN-11	As a user, I can view the summary of the retail stock dataset	4	Medium	Harini C Nachammai 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	15	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	12	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	8	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

Sprint 1:

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{15}{6} = 2.5$$

Sprint 2:

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{20}{6} = 3.33$$

Sprint 3:

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{12}{6} = 2$$

Sprint 4:

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{8}{6} = 1.33$$