

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID30228
Project Name	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.	5	High	Saranya B
Sprint-1		USN-2	As a user, after completing the registration I will receive confirmation email once I have registered for the web application	5	High	Preethi Kumari U
Sprint-2		USN-3	As a user, I can register for the application through facebook	6	Medium	Saranya B
Sprint-1		USN-4	As a user, I can register for the web application through google account.	5	High	Nivetha S Sowndarya D
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	8	High	Nivetha S Sowndarya D
Sprint-2	Dashboard	USN-6	As a user, I can view the year wise price representation of the dataset	6	Medium	Preethi Kumari U Nivetha S
Sprint-3		USN-7	As a user, I can view the year wise stock representation of the dataset.	4	Medium	Sowndarya D Saranya B
Sprint-3		USN-8	As a user, I can view the top 10 sales of the given dataset	4	Medium	Sowndarya D Saranya B
Sprint-3		USN-9	As a user, I can view the monthly sales of stock for the dataset.	4	Medium	Preethi Kumrai U

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	Nivetha S Saranya B
Sprint-4		USN-11	As a user, I can view the summary of the retail stock dataset	4	Medium	Preethi Kumari U Sowndarya D

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

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