

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID43150
Project Name	Inventory Management System for Retailers
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 ,Interface of web application	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Gnanaprakash Subarna Dhanusha
Sprint-2	Connect user data into cloud	USN-2	As a user, I will receive confirmation email once I have registered for the application,And storing the user data into a cloud storage	1	High	Sathish Divakar
Sprint-3	Web application connect with object storage	USN-3	As a user,I'm viewing the icon of the products.	2	Low	Dhanusha Sathish Divakar
Sprint-4	Intergrate all the technologys is in the application	USN-4	As a user,I can buy the products into the inventory management	2	Medium	Gnanaprakash Subarna

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Dhanusha Sathish Divakar
Testing phase::	Analysis the fault		As a developer, analysis user queries in the application		High	Gnanaprakash Subarna
	Debugging		Debug that error		High	Subarna Dhanusha Sathish Divakar
	Testing		Test the Appalachian and launch it		High	Gnanaprakash

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	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
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:

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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

