

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID35256
Project Name	Inventory Management System for Retailers
Maximum Marks	8 Marks

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

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 then confirming my password.	5	High	Ashwin Menon, Krishna Teja, Rahul Reddy Mora Reddy, Vignesh Kumar K
Sprint-1		USN-2	As a user, I can register for the application through email.	3	Medium	Ashwin Menon, Krishna Teja, Rahul Reddy Mora Reddy, Vignesh Kumar K

Sprint-1	Confirmation	USN-3	As a user, I will receive confirmation email once I have registered for the application.	4	Medium	Ashwin Menon,Krishna Teja,Rahul Reddy,Mora Reddy,Vignesh Kumar K
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Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Login	USN-4	As a user, I can log into the application by entering the registered email & password	8	High	Ashwin Menon,Krishna Teja,Rahul Reddy,Mora Reddy,Vignesh Kumar K
Sprint-2	Dashboard	USN-5	As a user, I can view the products which are available.	10	High	Ashwin Menon,Krishna Teja,Rahul Reddy,Mora Reddy,Vignesh Kumar K
Sprint-3	Stock Update	USN-6	As a user, I can add products which are not available in the dashboard to the stock list.	10	Medium	Ashwin Menon,Krishna Teja,Rahul Reddy,Mora Reddy,Vignesh Kumar K
Sprint-3	Administration	USN-7	As a user, I am able to get in touch with the Administrator and ask for whatever services I require help with.	10	Low	Ashwin Menon,Krishna Teja,Rahul Reddy,Mora Reddy,Vignesh Kumar K

Sprint-4		USN-8	I should be able to report any difficulties I experience to the administrator.	10	Medium	Ashwin Menon,Krishna Teja,Rahul Reddy,Mora Reddy,Vignesh Kumar K
Sprint-4		USN-9	I can get access to the sales insights which will help me to better identify which products are performing better	10	Medium	Ashwin Menon,Krishna Teja,Rahul Reddy,Mora Reddy,Vignesh Kumar K

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	12	6 Days	26 Oct 2022	29 Oct 2022	12	29 Oct 2022
Sprint-2	18	6 Days	31 Oct 2022	05 Nov 2022	18	5 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)

Sprint	Story Points	Duration	Average Velocity
Sprint - 1	12	6	2
Sprint - 2	18	6	3
Sprint - 3	20	6	3.33
Sprint - 4	20	6	3.33
Total	70	24	2.33