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

Date	01 November 2022
Team ID	PNT2022TMID42656
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	USN-1	As a user, I can register for the application by entering my email, password, and confirming my login credentials..	5	High	Manisankar P Thamizhini A Gokul S Sathishkumar B
Sprint-1		USN-2	As a user, I can register for the application through email.	3	High	Manisankar P Thamizhini A Gokul S Sathishkumar B
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	5	High	Manisankar P Thamizhini A Gokul S Sathishkumar B
Sprint-2	Dashboard	USN-4	As a user, I can view the products which are available	5	Medium	Manisankar P Thamizhini A Gokul S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Sathishkumar B
Sprint-2	Add items to cart	USN-5	As a user, I can add the products which i have bought from the store	4	High	Manisankar P Thamizhini A Gokul S Sathishkumar B
Sprint-3	Stock update	USN-6	As a user, I can add products which are not available in the dashboard to the stock list	5	High	Manisankar P Thamizhini A Gokul S Sathishkumar B
Sprint-3	Sales Prediction	USN-7	As a user, I can get details about sales predictions for restocking the products.	6	Medium	Manisankar P Thamizhini A Gokul S Sathishkumar B
Sprint-4	Request for customer care	USN-8	As a user, I can contact customer care and get support from them and request any service.	3	Low	Manisankar P Thamizhini A Gokul S Sathishkumar B
Sprint-4	Contact Administrator	USN-9	As a user, I can give my support in my possible ways to the administrator and the administration	3	Medium	Manisankar P Thamizhini A Gokul S Sathishkumar B

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	13	6 Days	24 Oct 2022	29 Oct 2022	Yet to be updated	Yet to be updated
Sprint-2	9	6 Days	31 Oct 2022	05 Nov 2022	Yet to be updated	Yet to be updated
Sprint-3	11	6 Days	07 Nov 2022	12 Nov 2022	Yet to be updated	Yet to be updated
Sprint-4	6	6 Days	14 Nov 2022	19 Nov 2022	Yet to be updated	Yet to be updated

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)

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

Our current velocity is AV = 39/24 = 1.6

Burndown Chart