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

Date	18 October 2022
Team ID	PNT2022TMID15822
Project Name	Project – Inventory Management for Retailers
Maximum Marks	8 Marks

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

RR - Ramya. R

RM – Ramya. M

RL – Rithika L

SR – Sri Rishitha Reddy

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	RR, RM
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	RR, RM
Sprint-1		USN-3	As a user, I can register for the application through Gmail	3	Medium	RR, RM
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	5	High	RR, RM
Sprint-1	Dashboard	USN-5	As a user, I must able to see my details on the dashboard	4	High	RR, RM
Sprint-2		USN-6	As a user, I can make changes on my personal information (updating and deleting information) and able to change my password	3	Medium	RL, SR

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Inventory	USN-7	As a retailer, I should be able to add the products in the app	5	High	RL, SR
Sprint-2		USN-8	As a retailer, I can add or remove products which are required and not	2	Medium	RL, SR
Sprint-2		USN-9	As a retailer, I must get a warning if any product in near of out-of-stock	7	High	RL, SR
Sprint-2		USN-10	As a user, I can view the products available in the inventory	3	Medium	RL, SR
Sprint-3	Orders	USN-11	As a user, I should able to order the products available	6	Medium	RR, SR
Sprint-3		USN-12	As a user, I can request if the product I am looking for is not available	4	Low	RR, SR
Sprint-3		USN-13	As a user, I can place an order through the app and complete the payment in a very secured way	7	High	RR, SR
Sprint-3		USN-14	As a user, I should get the product on time and safe delivery is expected	3	Medium	RR, SR
Sprint-4	Maintenance (account & Warehouse)	USN-15	As a retailer, I can add new location where are the products can be present	4	Medium	RM, RL
Sprint-4			As a retailer, I can monitor the products and their quantity in warehouses	7	High	RM, RL
Sprint-4		USN-16	As an administrator, I can remove the user account temporarily or permanent if the user wishes	5	Low	RM, RL
Sprint-4	Feedback	USN-17	As a customer care team member, I should be able to get feedback from the users	2	Medium	RM, RL, RR, SR
Sprint-4		USN-18	As a customer care team member, I should be available 24/7 to increase customer base and reflect on the queries raised by them	2	Medium	RM, RL, RR, SR

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-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	Due
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	Due
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	Due

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)

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