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

Date	18 October 2022
Team ID	PNT2022TMID43190
Project Name	Project – 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 password.	2	High	ANANTHA KUMAR .S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	HARSHA VARTHINI.S
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	SRI DEVI.S
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	MANI KANDAN.P
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	ANANTHA KUMAR.S
Sprint-2	Dashboard	USN-6	As a user, it display all top brands and offer of product	1	High	SRI DEVI.S
Sprint-2		USN-7	We are shown in the total profit and debit on the employee's profile	2	Medium	ANANTHA KUMAR.S

Sprint-2		USN-8	We can monitor all the dashboard mini version in the main lobe	1	Low	MANI KANDAN.P
Sprint-3	Employee dashboard	USN-9	We create the employee upload details and employee personal Info	1	Medium	MANI KANDAN .P
Spritnt-3		USN-10	We can Manage the entire Employee	1	High	HARSHA VARTHINI.S
Sprint-4	Stock Report	USN-11	We manage the stock details and maintain the old stock's and new stock's details	2	High	ANANTH KUMAR.S
Sprint-4		USN-12	We can add the new stocks and maintain the count	1	Medium	ANANTHA KUMAR.S
Sprint-4	Customer Dashboard	USN-13	We can manage the customer info and purchasing materials and amount	2	Medium	HARSHA VARTHINI.S
Sprint-3	Sell Report	USN-14	We add the selling material's and we maintain the accounts	1	High	SRI DEVI.S
Sprint-3		USN-15	We are manage the sell report in the admin side	1	Medium	MANI KANDAN.P
Sprint-3	Suppliers Dashboard	USN-16	We are manage the suppliers list and we are maintain the supplies materials	2	High	ANANTHA KUMAR.S

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	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	19Nov 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)

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

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/

https://www.atlassian.com/agile/tutorials/burndown-charts