

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID01394
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	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email &	1	High	SNEHA.P.D SWATHYSHREE.P

			password			YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A
Sprint-2	Dashboard	USN-6	As a user, it display all top brands and offer of product	1	High	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A
Sprint-2		USN-7	We are shown in the total profit and debit on the employee's profile	2	Medium	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A
Sprint-2		USN-8	We can monitor all the dashboard mini version in the main lobe	1	Low	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A
Sprint-3	Employee dashboard	USN-9	We create the employee upload details and employee personal Info	1	Medium	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A
Sprint-3		USN-10	We can Manage the entire Employee	1	High	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A
Sprint-4	Stock Report	USN-11	We manage the stock details and maintain the old stock's and new stock's details	2	High	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A
Sprint-4		USN-12	We can add the new stocks and maintain the count	1	Medium	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A

Sprint-4	Customer Dashboard	USN-13	We can manage the customer info and purchasing materials and amount	2	Medium	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPARAJA.C SHAFINIAN ARO.A
Sprint-3	Sell Report	USN-14	We add the selling material's and we maintain the accounts	1	High	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A
Sprint-3		USN-15	We are manage the sell report in the admin side	1	Medium	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A
Sprint-3	Suppliers Dashboard	USN-16	We are manage the suppliers list and we are maintain the supplies materials	2	High	SNEHA.P.D SWATHYSHREE.P YUVARANI.K SUPRAJA.C SHAFINIAN ARO.A

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	19 Nov 2022

Velocity:

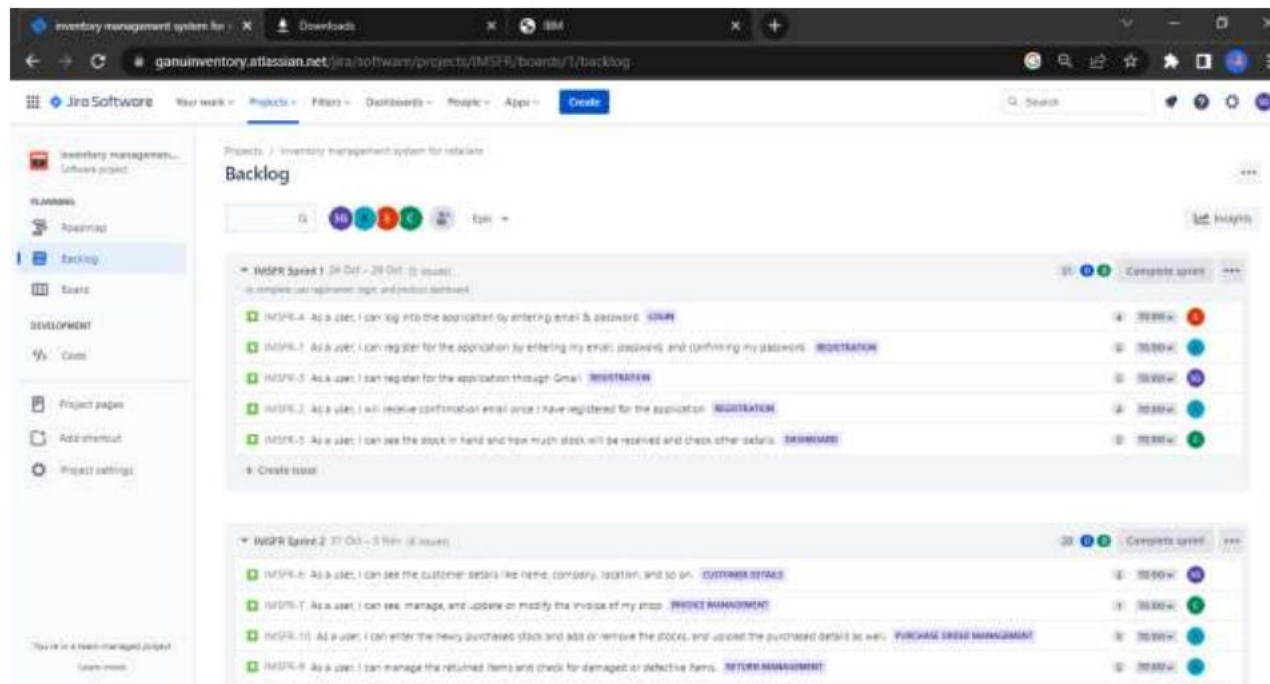
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

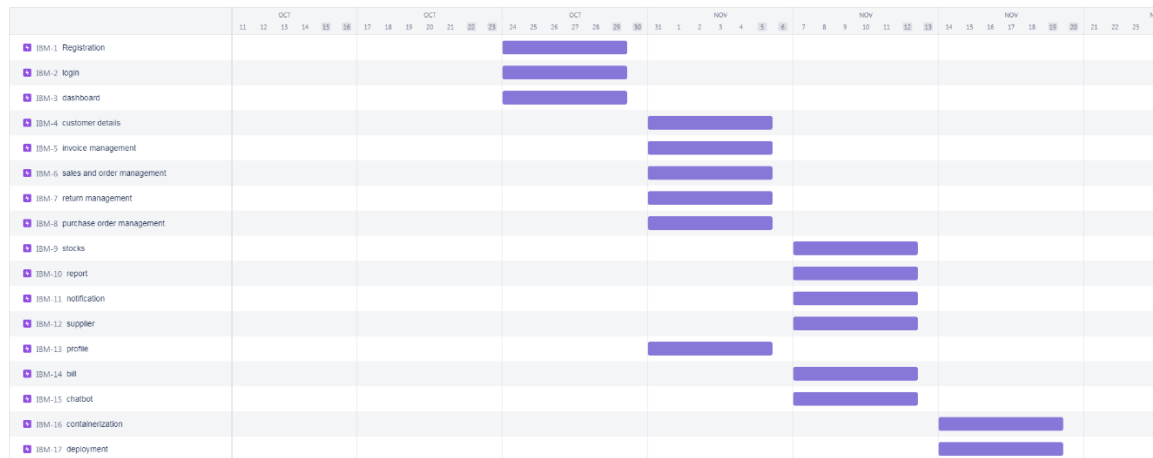
Burndown Chart:

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.

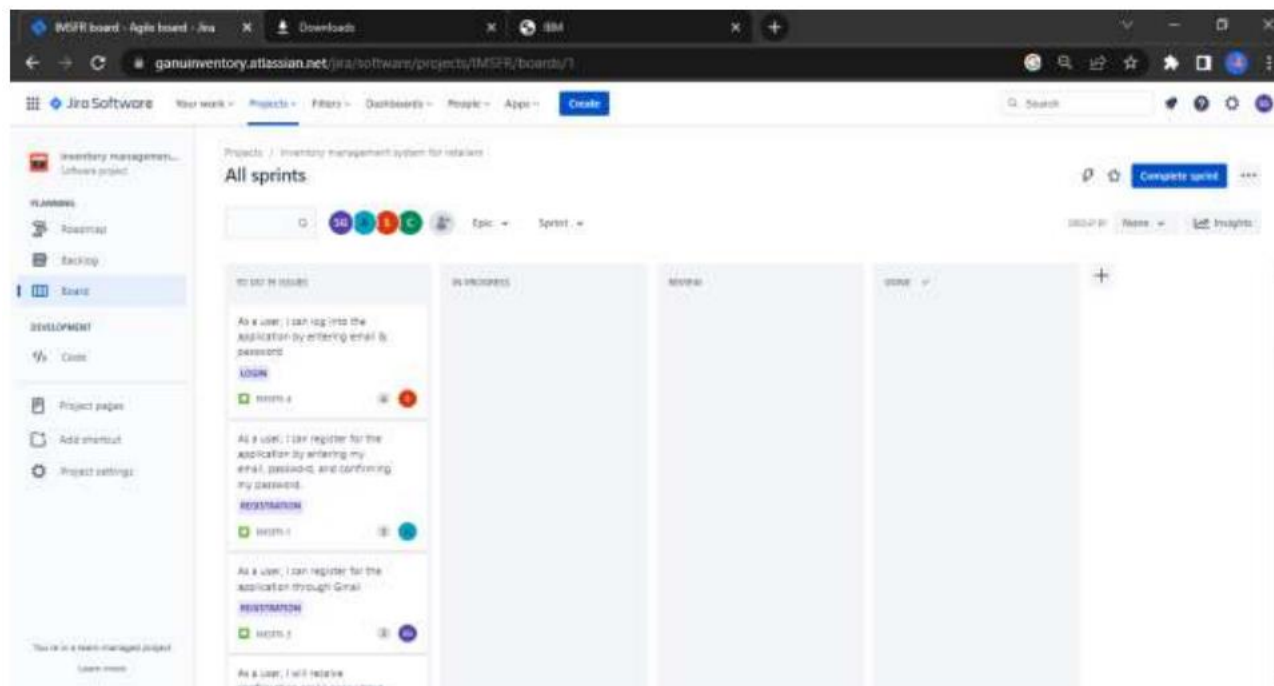
Creating the issue(Backlog) for the project:



Roadmap for the project:



Creating the board to the sprints for the project:



Burndown for the project:

