

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID22388
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 password.	2	High	Vinothkumar, Srijith
Sprint-1		USN-2	As a user, I can register for the application through E-mail	1	Low	Pavan
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	2	High	Srijith, Goutham
Sprint-1		USN-4	As a user, If I forgot password, I receive email and can reset my password	2	Medium	Vinothkumar
Sprint-2	Dashboard	USN-5	As a User, I can view products available on inventory	4	High	Srijith, Goutham
Sprint-2	Add items	USN-6	As a User, I can add products to the inventory	3	High	Pavan, Vinothkumar
Sprint-3	Sell items	USN-7	As a User, I can sell the products	3	High	Srijith, Goutham
Sprint-3	Stock update	USN-8	As a User, I can Update the stock details	2	Medium	Srijith
Sprint-4	Generate Email	USN-9	As a User, I receive alert mail on low stocks	4	High	Vinothkumar, Goutham

**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	7	6 Days	24 Oct 2022	29 Oct 2022	7	29 Oct 2022
Sprint-2	9	6 Days	31 Oct 2022	05 Nov 2022	9	05 Nov 2022
Sprint-3	5	6 Days	07 Nov 2022	12 Nov 2022	5	12 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022	10	19 Nov 2022

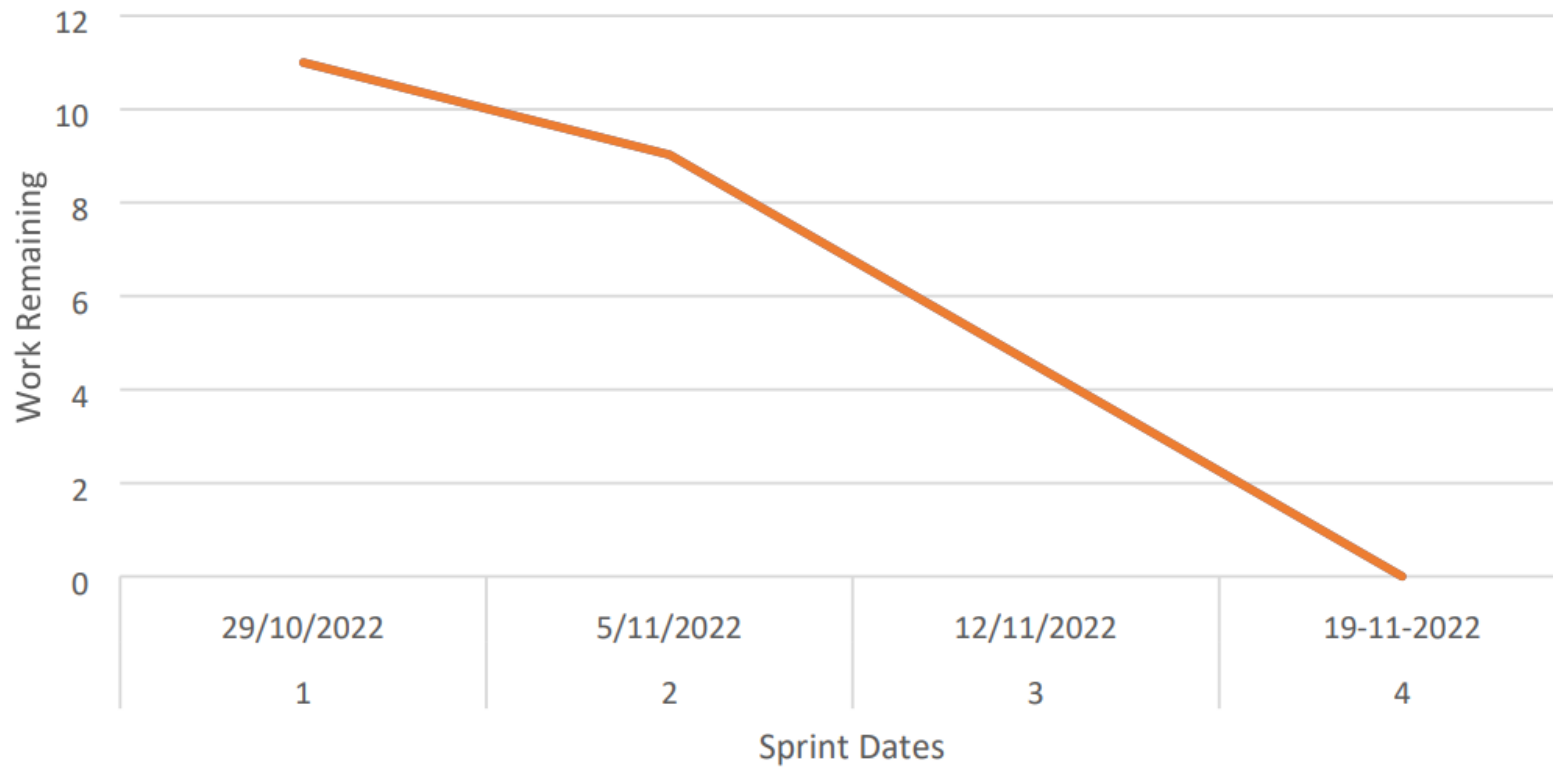
**Velocity:**

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

Sprints	Sprint Duration	Velocity	Actual Velocity
Sprint-1	6	7	0.85
Sprint-2	6	9	0.66
Sprint-3	6	5	1.2
Sprint-4	6	10	0.6

### 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.



## Project Tool: JIRA

The screenshot displays the Jira Software interface for a project named "Inventory Management System for Retailers". The top navigation bar includes "Jira Software", "Your work", "Projects", "Filters", "Dashboards", "People", "Apps", and a "Create" button. A search bar is located on the right.

The left sidebar shows the project name and a list of views: "PLANNING" (Roadmap, Backlog, Board) and "DEVELOPMENT" (Code, Project pages, Add shortcut, Project settings). The "Backlog" view is currently selected.

The main content area shows the "Backlog" for the project. It includes a search bar, a filter bar with "Epic" selected, and a list of sprints and issues.

**Sprints:**

- IMSFR Sprint 1: 23 Oct – 29 Oct (4 issues) - Complete sprint
- IMSFR Sprint 2: 31 Oct – 5 Nov (2 issues) - Start sprint
- IMSFR Sprint 3: 7 Nov – 12 Nov (1 issue) - Start sprint
- IMSFR Sprint 4: 14 Nov – 19 Nov (2 issues) - Start sprint
- Backlog: (0 issues) - Create sprint

**Issues in IMSFR Sprint 1:**

Issue ID	Description	Label	Priority	Status	Assignee
IMSFR-1	As a user, I can register for the application by entering my email, password, ...	REGISTRATION	2	IN PROGRESS	GM
IMSFR-4	As a user, I can log into the application by entering email & password	LOGIN	2	IN PROGRESS	SK
IMSFR-2	As a user, I can register for the application through E-mail	REGISTRATION	1	IN PROGRESS	S
IMSFR-3	As a user, I will receive confirmation email once I have registered for the applicati...	CONFIRMATION	2	TO DO	SV

The "Epic" sidebar on the left lists the following issues: Registration, Confirmation, Login, Dashboard, Add items to cart, Stock Update, and Request to customer page. A "+ Create Epic" button is at the bottom.

At the bottom of the sidebar, it states: "You're in a team-managed project. Learn more"

Inventory Management...  
Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project  
Learn more

Projects / Inventory Management System for Retailers

Roadmap

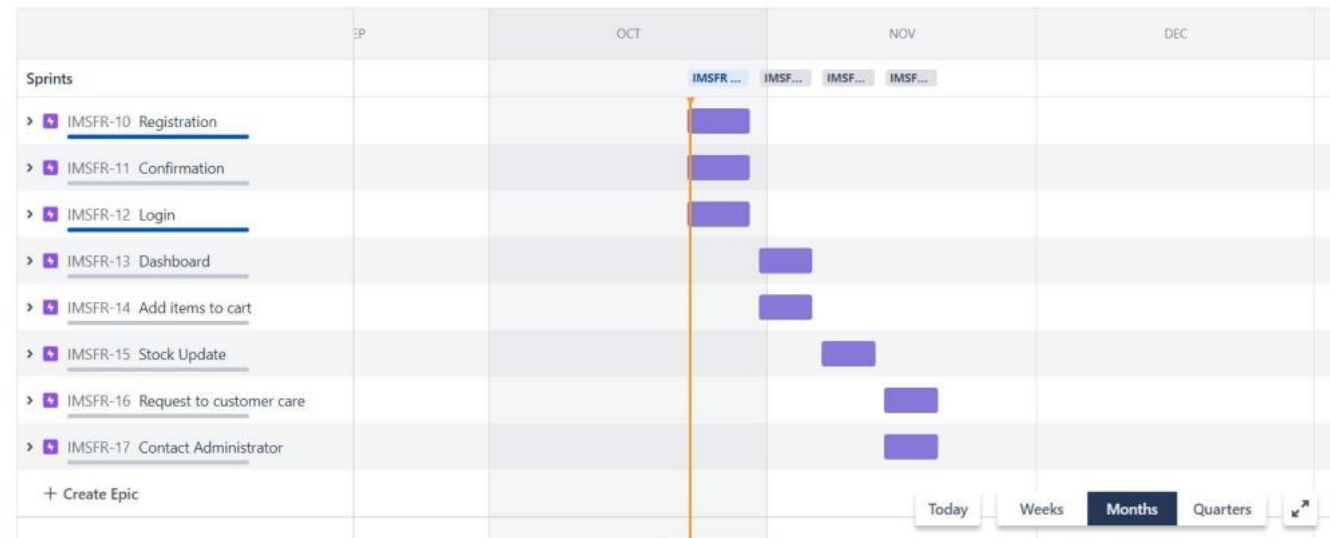
Give feedback Share Export

Search



Status category

View settings





Inventory Managment...  
Software project

## PLANNING

Roadmap

Backlog

Board

## DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project

[Learn more](#)

Projects / Inventory Managment System for Retailers

## IMSFR Sprint 1



Epic ▾



5 days remaining

Complete sprint



GROUP BY

None ▾

Insights

## TO DO 1 ISSUE

As a user, I will receive confirmation email once I have registered for the application

CONFIRMATION



IMSFR-3

2



## IN PROGRESS 3 ISSUES

As a user, I can register for the application by entering my email, password, and confirming my password.

REGISTRATION



IMSFR-1

2



As a user, I can log into the application by entering email & password

LOGIN



IMSFR-4

2



As a user, I can register for the application through E-mail

REGISTRATION



IMSFR-2

1



## IN REVIEW

## DONE ✓

