

## Project Planning Phase

Date	29October 2022
Team ID	PNT2022TMID41025
Project Name	Inventory management system for retailer
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.	5	High	S Ganesan P abarna V mahalakshmi P chandru
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	4	High	S Ganesan P abarna V mahalakshmi P chandru
Sprint-1		USN-3	As a user, I can register for the application through Gmail	3	Medium	S Ganesan P abarna
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	4	High	S Ganesan P abarna V mahalakshmi P chandru
Sprint-1	Dashboard	USN-5	As a user, I can see the stock in hand and how much stock will be received and check other details.	4	High	S Ganesan P abarna V mahalakshmi P chandru
Sprint-2	Customer details	USN-6	As a user, I can see the customer details like name, company, location, and so on.	3	Low	P abarna V mahalakshmi
Sprint-2	Search	USN-7	As a user, I can search the products and customer and so on	1	Low	P abarna V mahalakshmi

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-2	Sale management	USN-8	As a user, I can see, manage, and update the sale and order	5	Medium	V mahalakshmi P chandru
Sprint-2	supplier	USN-9	As a user, I can manage the supplier efficiently.	5	Medium	S Ganesan P abarna
Sprint-2	Purchase order management	USN-10	As a user, I can enter the newly purchased stock and add or remove the stocks. and upload the purchased details as well.	5	Medium	V mahalakshmi P chandru
Sprint-3	Stocks	USN-11	As a user, I can see the stock level, fast-moving, and death stocks.	4	High	S Ganesan P abarna V mahalakshmi P chandru
Sprint-3	Report	USN-12	As a user, I can see the report of the stock	1	Low	V mahalakshmi P chandru
Sprint-3	Notification	USN-13	As a user, it is good if I get a notification for low stock.	2	Medium	S Ganesan P abarna
Sprint-3	Supplier	USN-14	As a user, I can see the supplier details for a better understanding.	3	Low	V mahalakshmi P chandru
Sprint-2	Profile	USN-15	As a user, I can see my profile and give my details after registering as well.	1	Low	P abarna V mahalakshmi
Sprint-3	bill	USN-16	As a user, I like to print the product the sold now and maintain it.	4	Medium	S Ganesan P abarna
Sprint-3	Chatbot	USN-17	As a customer care executive,I can view the complaints on chat box, As a customer, I should be able solve and reply for the customers queries and as a customer, I can close the complaint after assisting	4	High	S Ganesan P abarna V mahalakshmi P chandru
Sprint-4	Containerization	USN-18	As a user, I can access the software with high performance	10	High	S Ganesan P abarna V mahalakshmi P chandru

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Deployment	USN-19	As a user, I can access the software in the web	10	High	S Ganesan P abarna

#### 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	31 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:

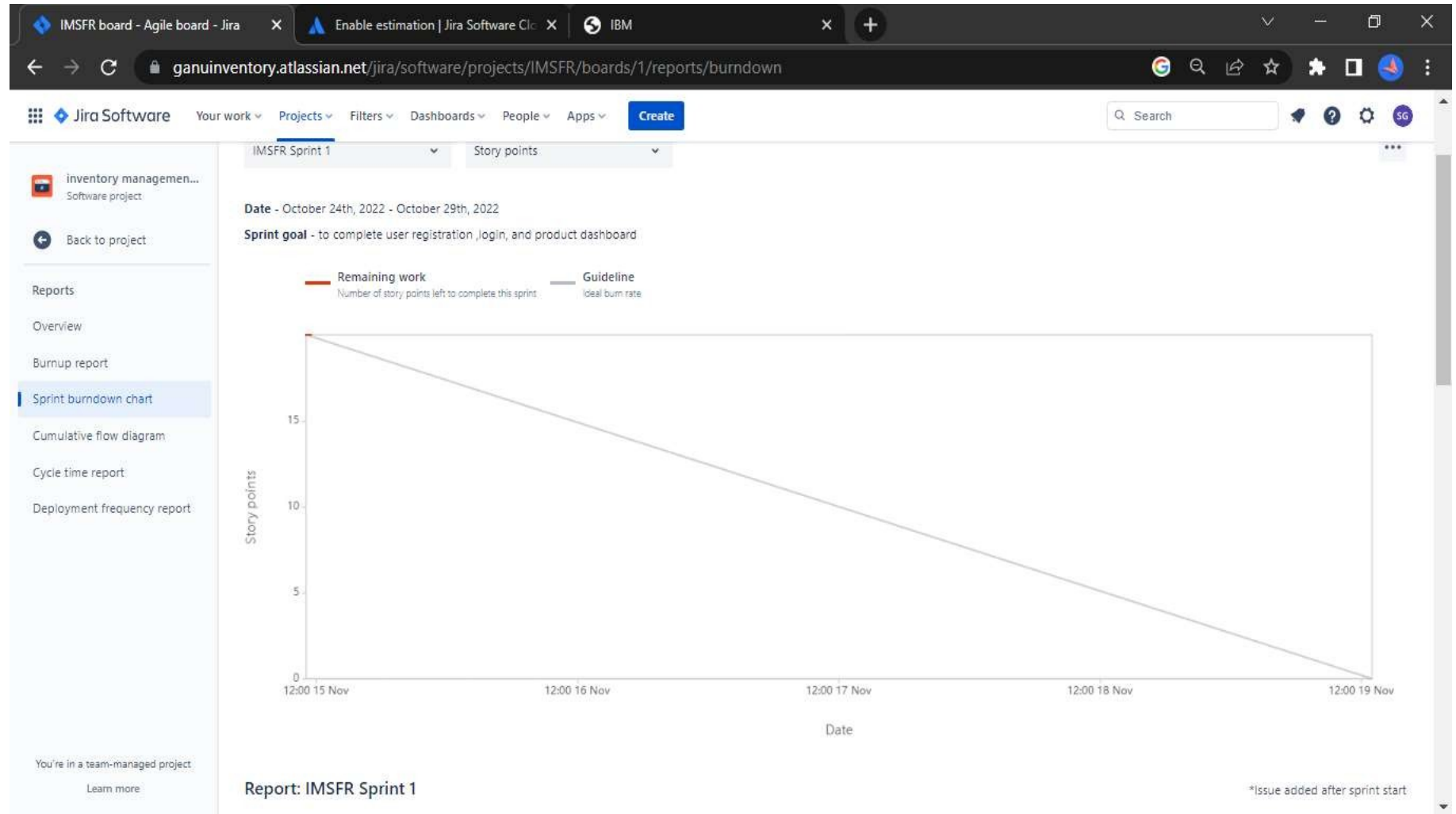
Sprint Duration : 6 Days

Velocity of the Team : 20 (points per sprint)

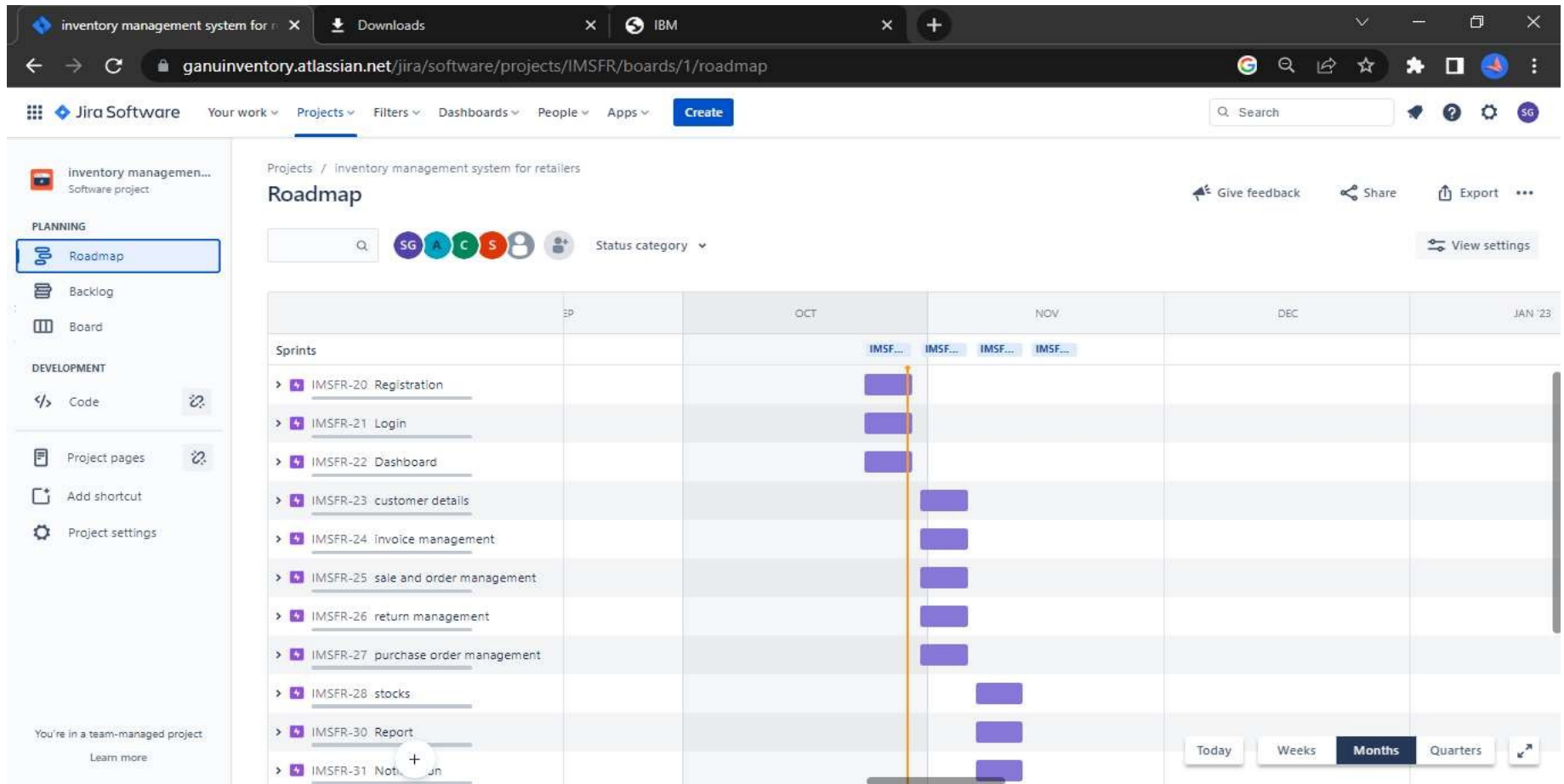
Team's Average Velocity :

$$\begin{aligned}
 AV &= \text{story points} / \text{velocity sprint duration} \\
 &= 206 \\
 &= 3.3
 \end{aligned}$$

## Burndown Chart:



JIRA software:



jira 1-Road map of the project

inventory management system for r... Downloads IBM

ganuinventory.atlassian.net/jira/software/projects/IMSFR/boards/1/backlog

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PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

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## Backlog

SG A S C Epic

IMSFR Sprint 1 24 Oct – 29 Oct (5 issues) 21 0 0 Complete sprint

to complete user registration, login, and product dashboard

IMSFR-4	As a user, I can log into the application by entering email & password	LOGIN	4	TO DO	S
IMSFR-1	As a user, I can register for the application by entering my email, password, and confirming my password.	REGISTRATION	5	TO DO	A
IMSFR-3	As a user, I can register for the application through Gmail	REGISTRATION	3	TO DO	SG
IMSFR-2	As a user, I will receive confirmation email once I have registered for the application	REGISTRATION	4	TO DO	A
IMSFR-5	As a user, I can see the stock in hand and how much stock will be received and check other details.	DASHBOARD	5	TO DO	C

+ Create issue

IMSFR Sprint 2 31 Oct – 5 Nov (6 issues) 20 0 0 Complete sprint

IMSFR-6	As a user, I can see the customer details like name, company, location, and so on.	CUSTOMER DETAILS	3	TO DO	SG
IMSFR-7	As a user, I can see, manage, and update or modify the invoice of my shop	INVOICE MANAGEMENT	1	TO DO	C
IMSFR-10	As a user, I can enter the newly purchased stock and add or remove the stocks, and upload the purchased details as well.	PURCHASE ORDER MANAGEMENT	5	TO DO	A
IMSFR-9	As a user, I can manage the returned items and check for damaged or defective items.	RETURN MANAGEMENT	5	TO DO	A

jira 2-backlog of the project

IMSFR board - Agile board - Jira x Downloads x IBM x +

ganuinventory.atlassian.net/jira/software/projects/IMSFR/boards/1

Jira Software Your work Projects Filters Dashboards People Apps Create Search ? ? ? SG

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## All sprints

SG A S C Epic Sprint

GROUP BY: None Insights

TO DO 19 ISSUES

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

LOGIN

IMSFR-4 4 S

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

REGISTRATION

IMSFR-1 5 A

As a user, I can register for the application through Gmail

REGISTRATION

IMSFR-3 3 SG

As a user, I will receive confirmation email once I have

IN PROGRESS

REVIEW

DONE ✓

+

jira 3-sprint delivery chart