

Project Planning Phase

Date	07 November 2022
Team ID	PNT2022TMID16711
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.	5	High	G Navin Raj S Karthik D Vijay V Gokul Krisna D Palani Soundar
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	4	High	G Navin Raj S Karthik D Vijay V Gokul Krisna D Palani Soundar
Sprint-1		USN-3	As a user, I can register for the application through Gmail	3	Medium	G Navin Raj S Karthik
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	4	High	G Navin Raj S Karthik D Vijay V Gokul Krisna D Palani Soundar
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	G Navin Raj S Karthik D Vijay V Gokul Krisna D Palani Soundar
Sprint-2	Customer details	USN-6	As a user, I can see the customer details like name, company, location, and so on.	3	Low	D Vijay V Gokul Krisna
Sprint-2	Invoice management	USN-7	As a user, I can see, manage, and update or modify the invoice of my shop	1	Low	V Gokul Krisna D Palani Soundar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Sale and order management	USN-8	As a user, I can see, manage, and update the sale and order	5	Medium	S Karthik V Gokul Krisna
Sprint-2	Return management	USN-9	As a user, I can manage the returned items and check for damaged or defective items.	5	Medium	D Vijay D Palani Soundar
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	G Navin Raj V Gokul Krisna
Sprint-3	Stocks	USN-11	As a user, I can see the stock level, fast-moving, and death stocks.	4	High	G Navin Raj S Karthik D Vijay V Gokul Krisna D Palani Soundar
Sprint-3	Report	USN-12	As a user, I can see the report of the stock	1	Low	S Karthik D Palani Soundar
Sprint-3	Notification	USN-13	As a user, it is good if I get a notification for low stock.	2	Medium	G Navin Raj D Vijay
Sprint-3	Supplier	USN-14	As a user, I can see the supplier details for a better understanding.	3	Low	S Karthik D Palani Soundar
Sprint-2	Profile	USN-15	As a user, I can see my profile and give my details after registering as well.	1	Low	D Vijay V Gokul Krisna
Sprint-3	bill	USN-16	As a user, I like to print the product the sold now and maintain it.	4	Medium	G Navin Raj D Palani Soundar
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	G Navin Raj S Karthik D Vijay V Gokul Krisna D Palani Soundar
Sprint-4	Containerization	USN-18	As a user, I can access the software with high performance	10	High	G Navin Raj S Karthik D Vijay V Gokul Krisna D Palani Soundar

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	G Navin Raj S Karthik D Vijay V Gokul Krisna D Palani Soundar

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:

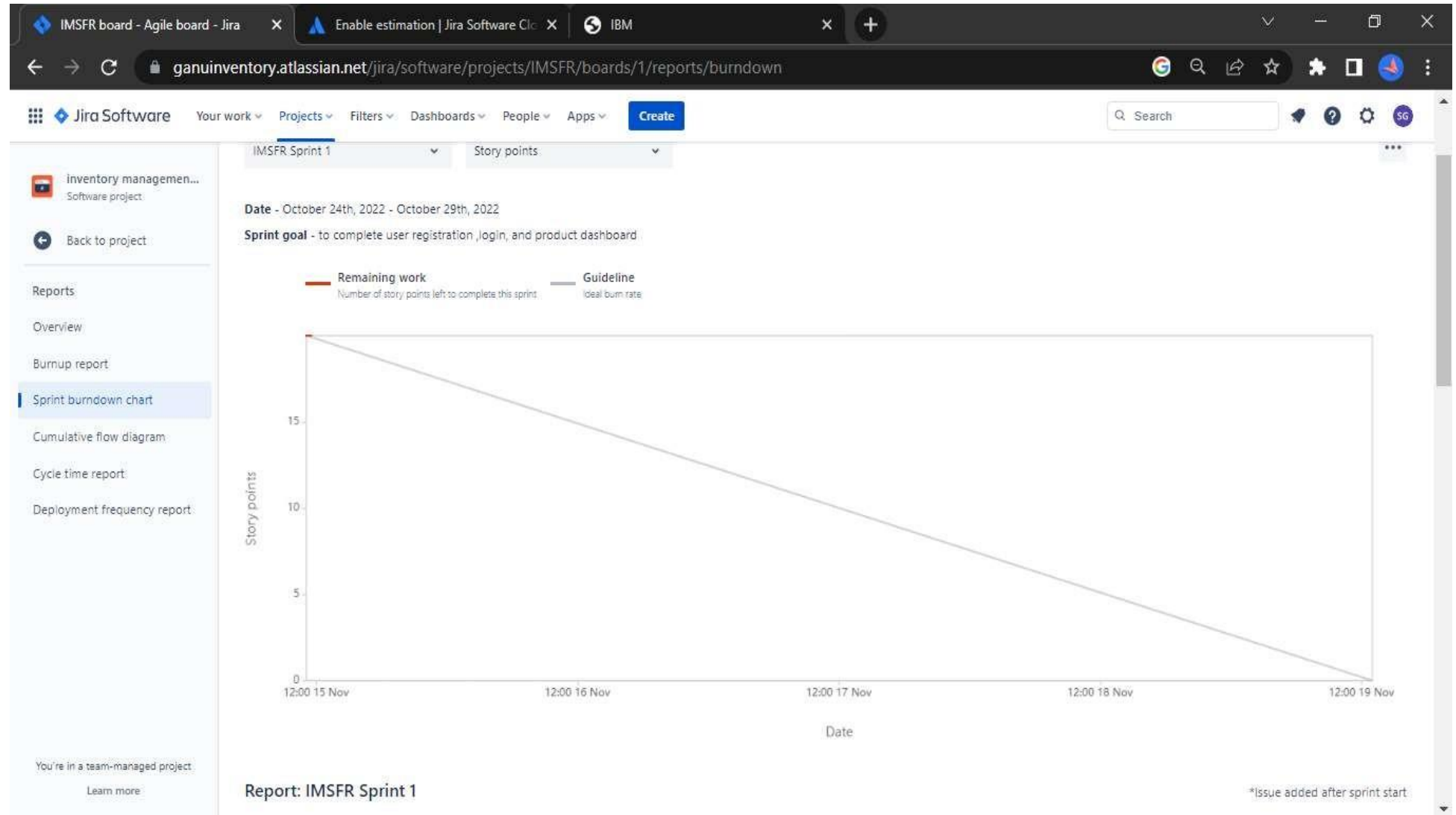
Sprint Duration : 6 Days

Velocity of the Team : 20 (points per sprint)

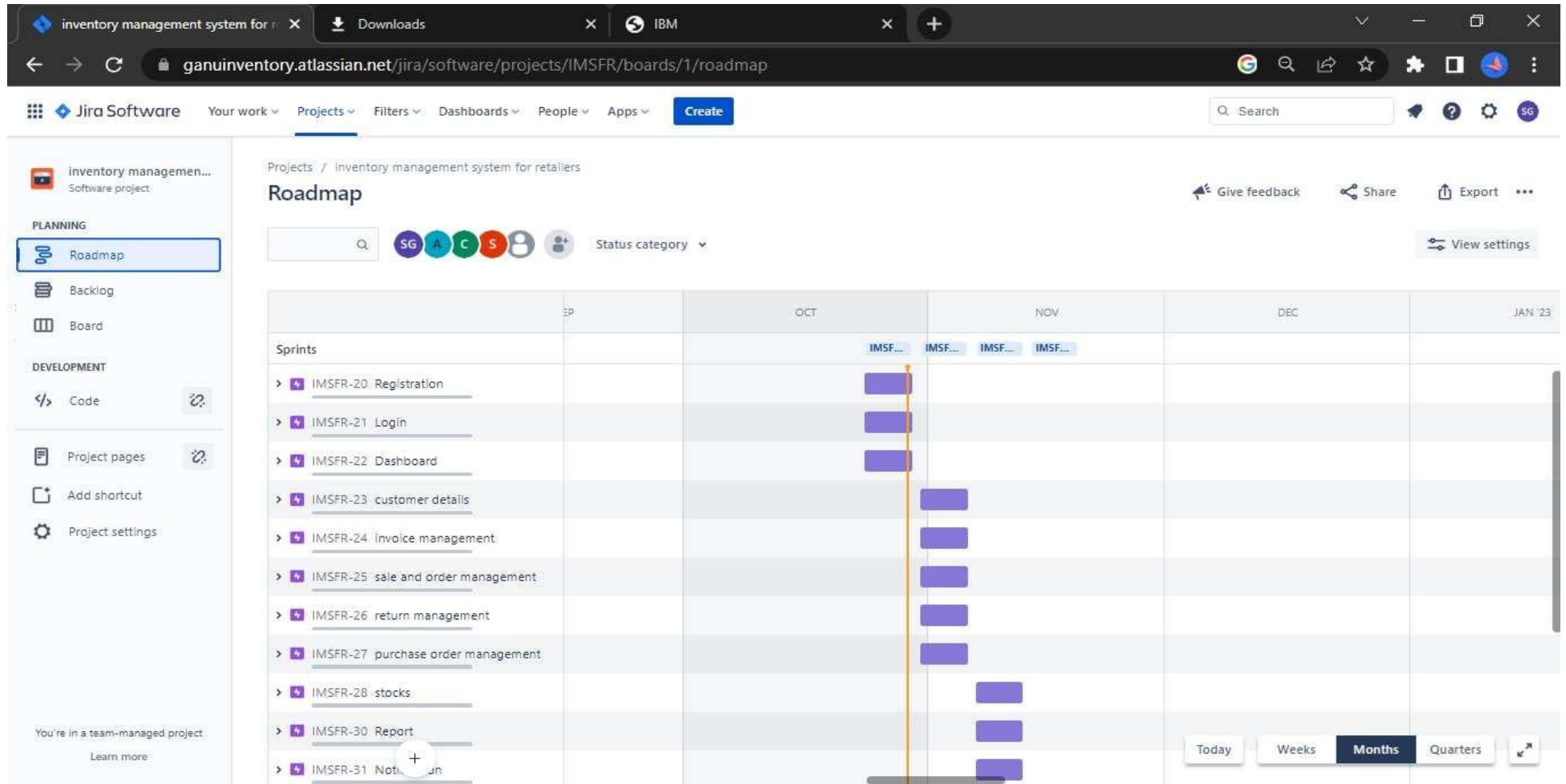
Team's Average Velocity :

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

Burndown Chart:



JIRA software:



jira 1-Road map of the project

inventory management system for r X Downloads IBM

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

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Projects / inventory management system for retailers

Backlog

SG A S C Epic

Insights

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

Browser tabs: IMSFR board - Agile board - Jira, Downloads, IBM

Address bar: ganuinventory.atlassian.net/jira/software/projects/IMSFR/boards/1

Jira Software navigation: Your work, Projects, Filters, Dashboards, People, Apps, Create

Search: Search

Left sidebar: inventory management... Software project

- PLANNING
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All sprints

SG A S C Epic Sprint

GROUP BY: None Insights

Complete sprint

Columns: TO DO 19 ISSUES, IN PROGRESS, REVIEW, DONE ✓

Issues in TO DO column:

- 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

jira 3-sprint delivery chart