

## Project Planning Phase

Date	22 October 2022
Team ID	PNT2022TMID04548
Project Name	INVENTORY MANAGEMENT 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.	4	High	Dharani Sanjai B Chandru S Anandhu M Gunal M S
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	4	High	Dharani Sanjai B Chandru S Anandhu M Gunal M S
Sprint-1	Registration	USN-3	As a user, I can register for the application through Gmail	4	Medium	Anandhu M Gunal M S
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	4	High	Dharani Sanjai B Chandru S
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	Anandhu M Gunal M S
Sprint-2	Customer details	USN-6	As a user, I can see the customer details like name, company, location, and so on.	3	Low	Dharani Sanjai B Chandru S

Sprint-2	Invoice management	USN-7	As a user, I can see, manage, and update or modify the invoice of my shop	1	Low	Anandhu M Gunal M S
Sprint-2	Sale and order management	USN-8	As a user, I can see, manage, and update the sale and order	5	Medium	Dharani Sanjai B Chandru S Anandhu M Gunal M S
Sprint-2	Return management	USN-9	As a user, I can manage the returned items and check for damaged or defective items.	5	Medium	Dharani Sanjai B Chandru S
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.	4	Medium	Anandhu M Gunal M S
Sprint-3	Stocks	USN-11	As a user, I can see the stock level, fast-moving, and death stocks.	4	High	Dharani Sanjai B Chandru S Anandhu M Gunal M S
Sprint-3	Report	USN-12	As a user, I can see the report of the stock	2	Low	Dharani Sanjai B Chandru S Anandhu M Gunal M S
Sprint-3	Notification	USN-13	As a user, it is good if I get a notification for low stock.	3	Medium	Anandhu M Gunal M S
Sprint-3	Supplier	USN-14	As a user, I can see the supplier details for a better understanding.	3	Low	Anandhu M Gunal M S
Sprint-2	Profile	USN-15	As a user, I can see my profile and give my details after registering as well.	2	Low	Dharani Sanjai B Chandru S
Sprint-3	bill	USN-16	As a user, I like to print the product the sold now and maintain it.	4	Medium	Dharani Sanjai B Chandru S

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	Anandhu M Gunal M S
Sprint-4	Containerization	USN-18	As a user, I can access the software with high performance	10	High	Dharani Sanjai B Chandru S
Sprint-4	Deployment	USN-19	As a user, I can access the software in the web	10	High	Dharani Sanjai B Chandru 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	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:

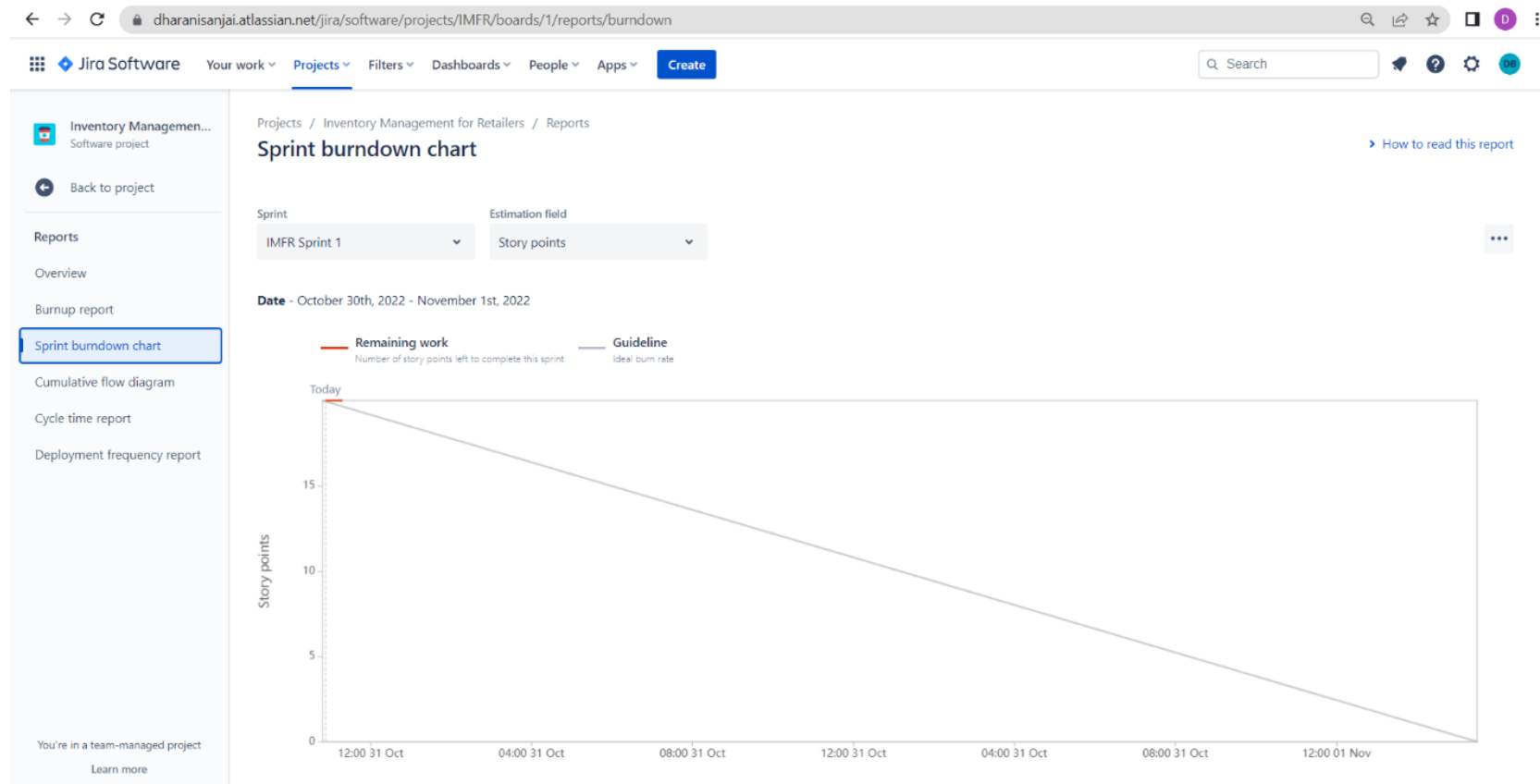
Sprint Duration : 6 Days

Velocity of the Team : 20 (points per sprint)

Team's Average Velocity :

$$\begin{aligned}
 AV &= \text{story points} / \text{velocity sprint duration} \\
 &= 20/6 \\
 &= 3.3
 \end{aligned}$$

## Burndown Chart:



JIRA software:

## *JIRA 1- Road map of the project*

The screenshot displays the JIRA Roadmap interface. The top navigation bar includes the JIRA logo, 'Jira Software', and various navigation links like 'Your work', 'Projects', 'Filters', 'Dashboards', 'People', and 'Apps'. A search bar and a 'Create' button are also present. The left sidebar shows the project 'Inventory Management for Retailers' and a list of views: 'Roadmap' (selected), 'Backlog', 'Board', 'Code', 'Project pages', 'Add shortcut', and 'Project settings'. The main area is titled 'Roadmap' and shows a timeline from September to January 2023. A search bar and a 'Status category' dropdown are at the top of the roadmap. The roadmap itself shows a single sprint named 'What needs to be done?' spanning from September to October. Below the sprint, there are three columns for 'OCT', 'NOV', and 'DEC', each containing a 'JIRA ...' button. At the bottom right, there are buttons for 'Today', 'Weeks', 'Months' (selected), 'Quarters', and a 'Quickstart' button.

Inventory Management for Retailers  
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 for Retailers

### Roadmap

Give feedback Share Export View settings

Search Status category

SEP	OCT	NOV	DEC	JAN '23
Sprints				
IMFR ... IMFR ... IMFR ...				
What needs to be done?				

Today Weeks Months Quarters Quickstart



### JIRA 3- Sprint delivery chart

