

## Project Planning Phase

Date	29October 2022
Team ID	PNT2022TMID08671
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 Sabareeswaran S vengatesh C Sanjeev
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	4	High	M Prasanth S Sabareeswaran C Sanjeev
Sprint-1		USN-3	As a user, I can register for the application through Gmail	3	Medium	S Sabareeswaran S vengatesh C Sanjeev
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	4	High	S Sabareeswaran S vengatesh P Yugan
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 Sabareeswaran S vengatesh C Sanjeev P Yugan
Sprint-2	Customer details	USN-6	As a user, I can see the customer details like name, company, location, and so on.	3	Low	S Sabareeswaran S vengatesh C Sanjeev

<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	S Sabareeswaran M Prasanth P Yugan S vengatesh
Sprint-2	supplier	USN-9	As a user, I can manage the supplier efficiently.	5	Medium	S Sabareeswaran S vengatesh P Yugan
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	S Vengatesh M Prasanth P Yugan C Sanjeev
Sprint-3	Stocks	USN-11	As a user, I can see the stock level, fast-moving, and death stocks.	4	High	S Sabareeswaran S vengatesh C Sanjeev
Sprint-3	Report	USN-12	As a user, I can see the report of the stock	1	Low	M Prasanth S vengatesh P Yugan
Sprint-3	Notification	USN-13	As a user, it is good if I get a notification for low stock.	2	Medium	S Vengatesh M Prasanth P Yugan C Sanjeev
Sprint-3	Supplier	USN-14	As a user, I can see the supplier details for a better understanding.	3	Low	S Sabareeswaran S vengatesh P Yugan
Sprint-2	Profile	USN-15	As a user, I can see my profile and give my details after registering as well.	1	Low	S Sabareeswaran S vengatesh C Sanjeev P Yugan
Sprint-3	bill	USN-16	As a user, I like to print the product the sold now and maintain it.	4	Medium	S Sabareeswaran S vengatesh C Sanjeev
Sprint-4	Containerization	USN-18	As a user, I can access the software with high performance	10	High	S vengatesh P Yugan C Sanjeev

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 Sabareeswaran S vengatesh P Yugan C Sanjeev

#### 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:

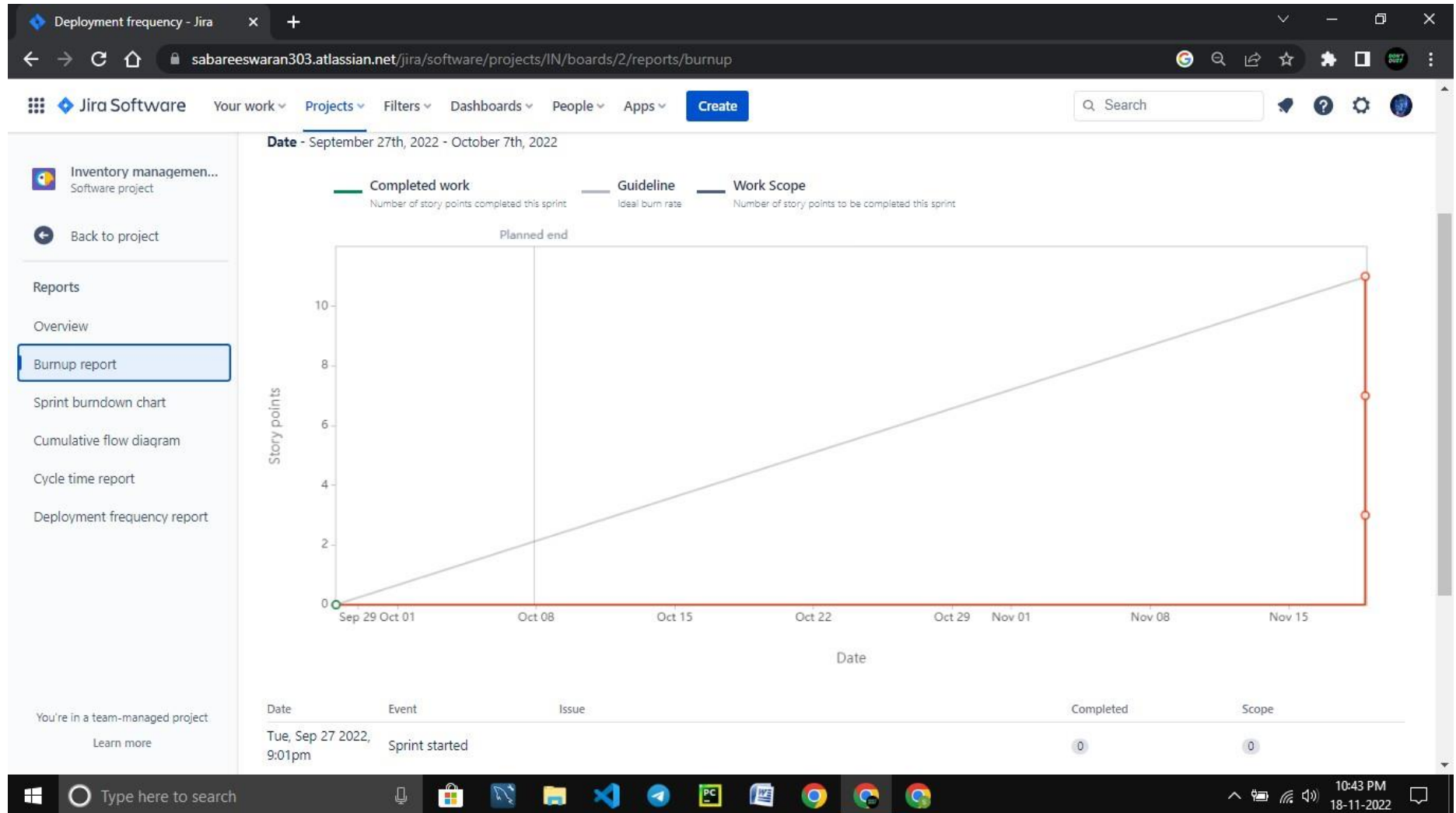
Sprint Duration : 6 Days

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:

The screenshot displays the Jira Roadmap view for the 'Inventory management system' project. The interface includes a top navigation bar with tabs for 'Your work', 'Projects', 'Filters', 'Dashboards', 'People', and 'Apps'. A search bar is located on the right. The left sidebar shows the project's structure, including 'PLANNING' (Roadmap, Backlog, Board, Reports) and 'DEVELOPMENT' (Code). The main area shows the 'Roadmap' view with a timeline from September 9 to October 31, 2022. A 'Sprints' section lists tasks with their durations represented by purple bars. The tasks are: IMS-21 Registration, IMS-22 Login, IMS-23 Dashboard, IMS-24 Customer details, IMS-25 Sales and order management, IMS-26 Purchase order management, IMS-27 Stocks, IMS-28 Report, and IMS-29 Notification. The bottom of the screen shows a Windows taskbar with various application icons and the system clock at 08:22 PM on 15-11-2022.

Task	Start Date	End Date
IMS-21 Registration	2022-09-17	2022-10-03
IMS-22 Login	2022-09-17	2022-10-03
IMS-23 Dashboard	2022-09-17	2022-10-03
IMS-24 Customer details	2022-09-17	2022-10-03
IMS-25 Sales and order management	2022-09-17	2022-10-03
IMS-26 Purchase order management	2022-09-17	2022-10-03
IMS-27 Stocks	2022-09-17	2022-10-03
IMS-28 Report	2022-09-17	2022-10-03
IMS-29 Notification	2022-09-17	2022-10-03



jira 2-backlog of the project

IN board - Agile board - Jira

sabareeswaran303.atlassian.net/jira/software/projects/IN/boards/2

Jira Software Your work Projects Filters Dashboards People Apps Create

Inventory management... Software project

PLANNING

- Roadmap
- Backlog
- Board
- Reports

DEVELOPMENT

- Code
- Project pages
- Add shortcut
- Project settings

You're in a team-managed project Learn more

Projects / Inventory management system0867

## All sprints

Q Search

GROUP BY None Insights

TO DO 10 ISSUES

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

REGISTRATION

IN-1 3

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

LOGIN

IN-2 4

As, a user ,I can see the stock in hand and how much stock will be received and check other details

DASHBOARD

IN PROGRESS

DONE ✓

10:43 PM 18-11-2022





