

**PROJECT PLANNING PHASE**  
**(PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORY POINTS)**

|              |  |
|--------------|--|
| Team ID      | PNT2022TMID21069                         |
| Project Name | Inventory Management System forRetailers |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create product backlog and sprint schedule

| <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-1      | Registration                         | USN-1                    | As a user, I can register for the application by entering my email, password, and confirmingmy password. | 2                   | High            | Kavya, Alphin Jude, Dhanush, Geethanjaly |
| Sprint-1      | Registration                         | USN-2                    | As a user, I can register for the application through E-mail   | 1                   | Medium          | Kavya, Alphin Jude, Dhanush, Geethanjaly |

|               |                                      |                          |   |                     |                 |  |
|---------------|--------------------------------------|--------------------------|---|---------------------|-----------------|--|
| Sprint-1      | Confirmation                         | USN-3                    | As a user, I will receive confirmation email once I have registered for the application   | 2                   | Medium          | Kavya, Alphin Jude, Dhanush, Geethanjaly |
| <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-1      | Login                                | USN-4                    | As a user, I can log into the application by entering email & password                    | 2                   | High            | Kavya, Alphin Jude, Dhanush, Geethanjaly |
| Sprint-2      | Dashboard                            | USN-5                    | As a user, I can view the products which are available                                    | 4                   | High            | Kavya, Alphin Jude, Dhanush, Geethanjaly |
| Sprint-2      | Add items to cart                    | USN-6                    | As a user, I can add the products I wish to buy to the carts.                             | 5                   | Medium          | Kavya, Alphin Jude, Dhanush, Geethanjaly |
| Sprint-3      | Stock Update                         | USN-7                    | As a user, I can add products which are not available in the dashboard to the stock list. | 5                   | Medium          | Kavya, Alphin Jude, Dhanush, Geethanjaly |

|          |                          |       |  |   |        |  |
|----------|--------------------------|-------|--|---|--------|--|
| Sprint-4 | Request to Customer Care | USN-8 | As a user, I can contact the Customer Care Executive and request any services I want from the customer care. | 5 | Low    | Kavya, Alphin Jude, Dhanush, Geethanjaly |
| Sprint-4 | Contact Administrator    | USN-9 | I can be able to report any difficulties I experience as a report  | 5 | Medium | Kavya, Alphin Jude, Dhanush, Geethanjaly |

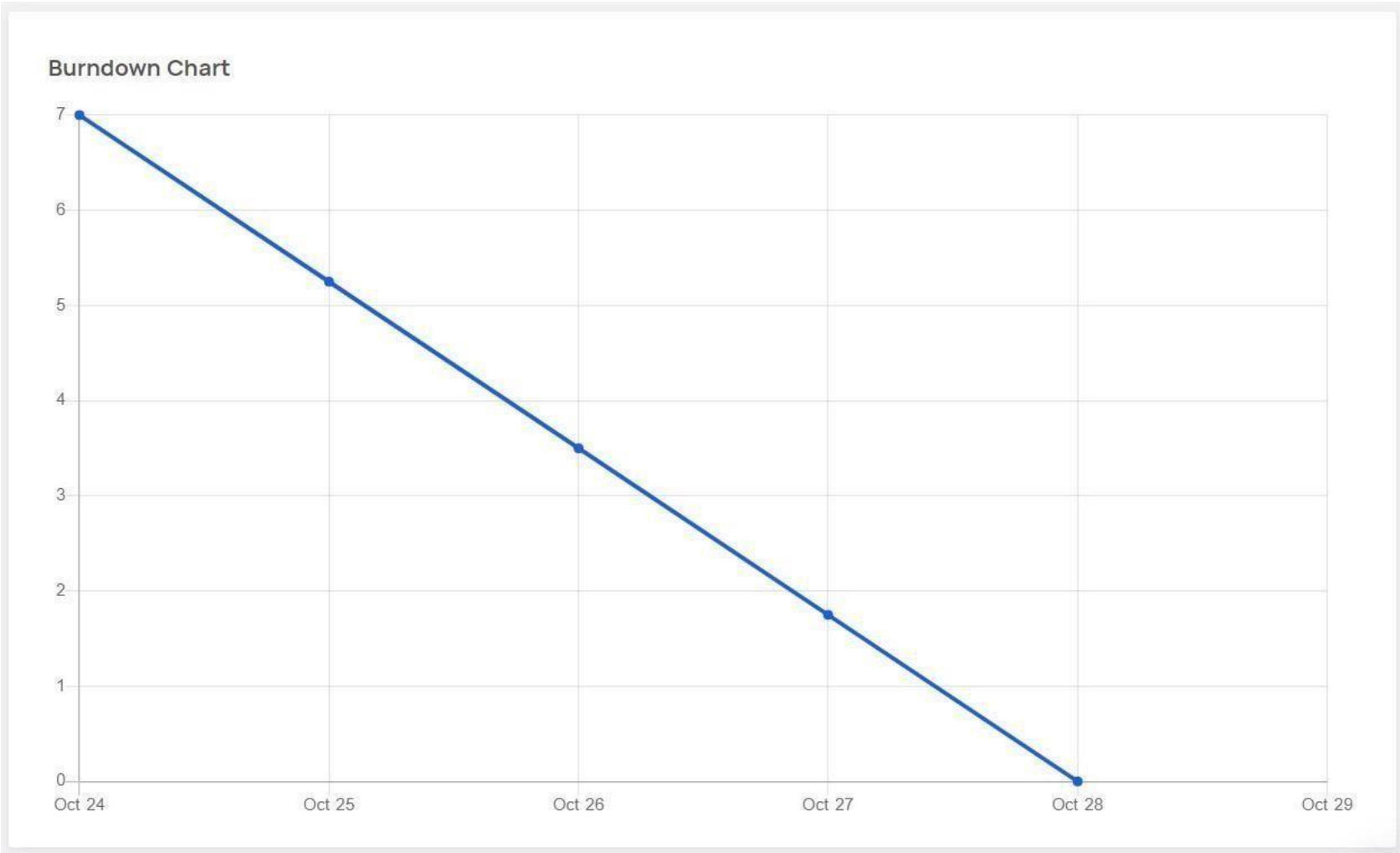
#### Project Tracker, Velocity & Burndown Chart:

| Sprint   | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned EndDate) | 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:**

| 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:**



**Sprint - 1**

Burndown Chart



**Sprint – 2**

Burndown Chart



**Sprint - 3**

Burndown Chart



**Sprint – 4**



Project Tool: JIRA

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

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Learn more

Epic

Issues without epic

Registration

Confirmation

Login

Dashboard

Add items to cart

Stock Update

Request to customer care

Create Epic

IMSFR Sprint 123 Oct – 29 Oct (4 issues)

250Complete sprint

IMSFR-1As a user, I can register for the application by entering my email, password, ...REGISTRATION2IN PROGRESSGM

IMSFR-4As a user, I can log into the application by entering email & passwordLOGIN2IN PROGRESSSK

IMSFR-2As a user, I can register for the application through E-mailREGISTRATION1IN PROGRESSS

IMSFR-3As a user, I will receive confirmation email once I have registered for the applicati...CONFIRMATION2TO DOVS

Create issue

IMSFR Sprint 231 Oct – 5 Nov (2 issues)

900Start sprint

IMSFR Sprint 37 Nov – 12 Nov (1 issue)

500Start sprint

IMSFR Sprint 414 Nov – 19 Nov (2 issues)

1000Start sprint

Backlog (0 issues)

000Create sprint

Backlog

Board

DEVELOPMENT

Code

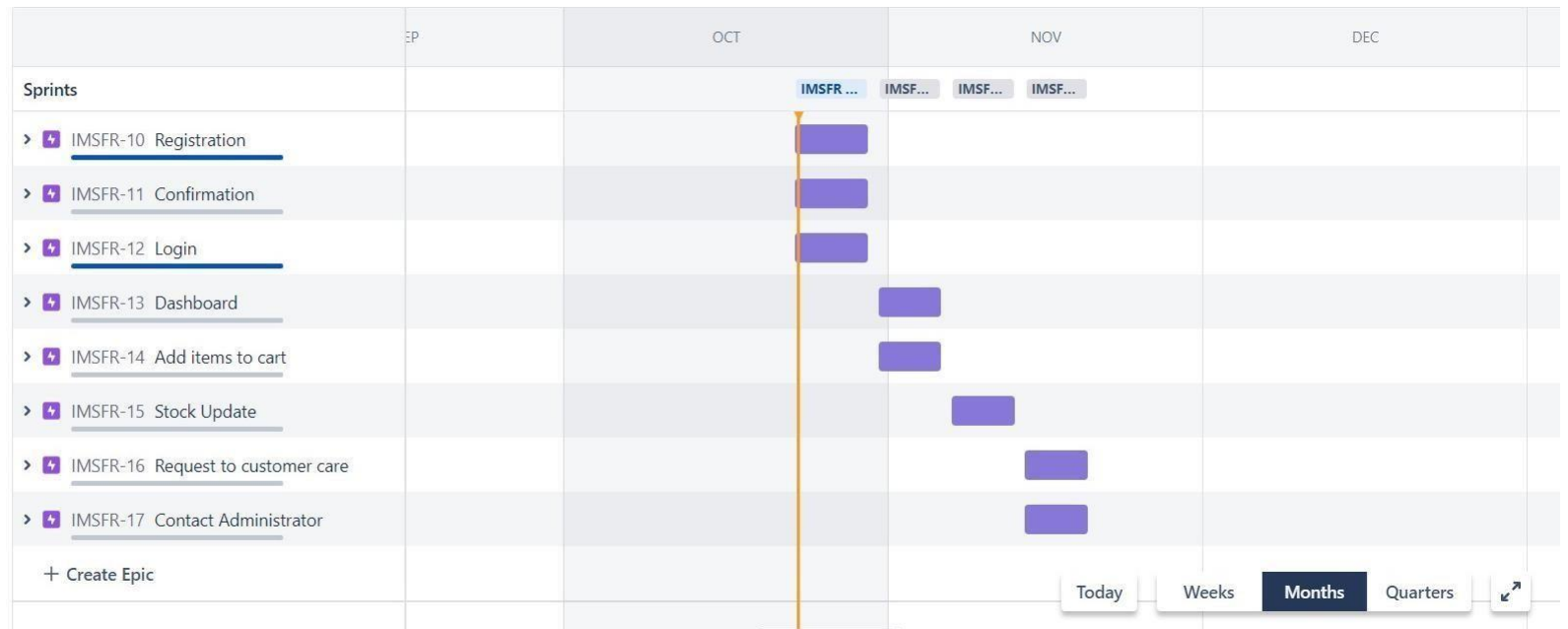
Project pages

Add shortcut

Project settings

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TO DO 1 ISSUE

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

CONFIRMATION

IMSFR-3

2

SV

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

GM

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

LOGIN

IMSFR-4

2

SK

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

REGISTRATION

IMSFR-2

1

S

IN REVIEW

DONE ✓

+