

Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

| | |
|--------------|---|
| Date | 22 October 2022 |
| Team ID | PNT2022TMID42766 |
| Project Name | Inventory Management System for Retailers |

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. | 2 | High | 4 |
| Sprint-1 | | USN-2 | As a user, I can register for the application through E-mail | 1 | Medium | 4 |
| Sprint-1 | Confirmation | USN-3 | As a user, I will receive confirmation email once I have registered for the application | 2 | Medium | 4 |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---------------|--------------------------------------|--------------------------|--|---------------------|-----------------|---------------------|
| Sprint-1 | Login | USN-4 | As a user, I can log into the application by entering email & password | 2 | High | 4 |
| Sprint-2 | Dashboard | USN-5 | As a user, I can view the products which are available | 4 | High | 4 |
| 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 | 4 |
| 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 | 4 |
| 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 | 4 |
| Sprint-4 | Contact Administrator | USN-9 | I can be able to report any difficulties I experience as a report | 5 | Medium | 4 |

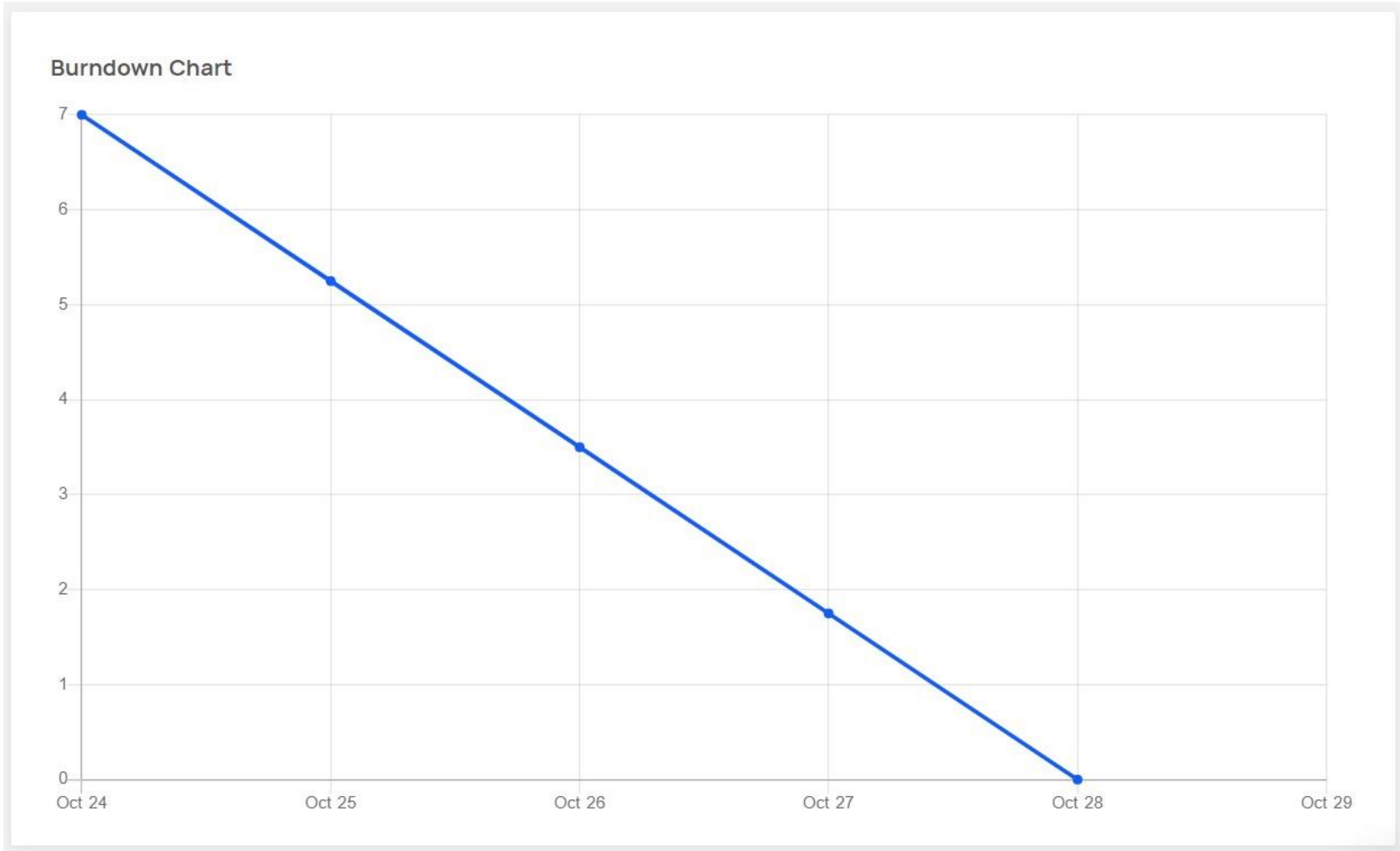
Project Tracker, Velocity & Burndown Chart: (4 Marks)

| 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 | 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:

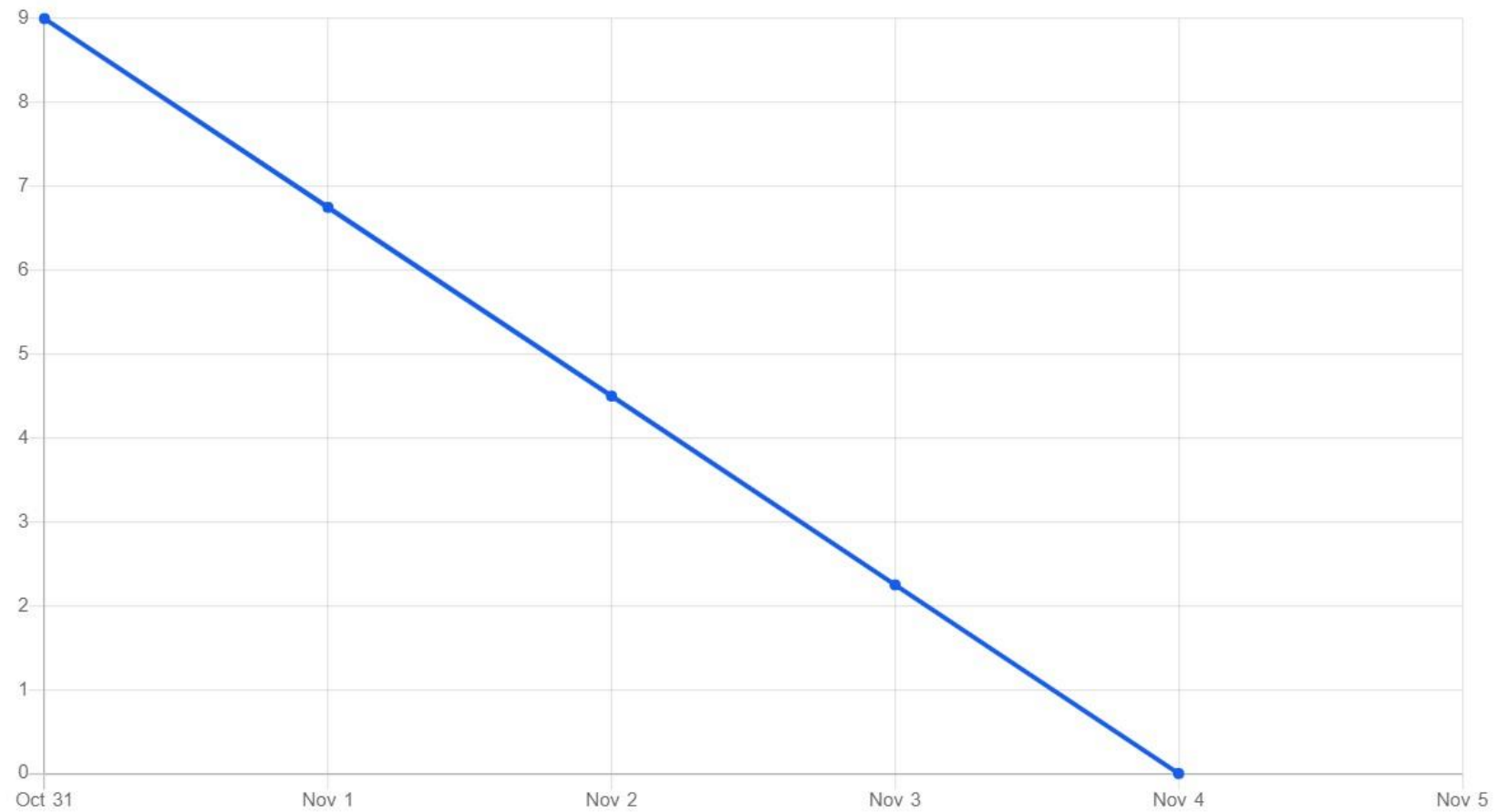
| Sprints | Sprint Duration | Velocity | Actual Velocity |
|----------|-----------------|----------|-----------------|
| Sprint-1 | 6 | 7 | 0.85 |
| Sprint-2 | 6 | 9 | 0.66 |
| Sprint-3 | 6 | 5 | 1.2 |
| Sprint-4 | 6 | 10 | 0.6 |

Burndown Chart:



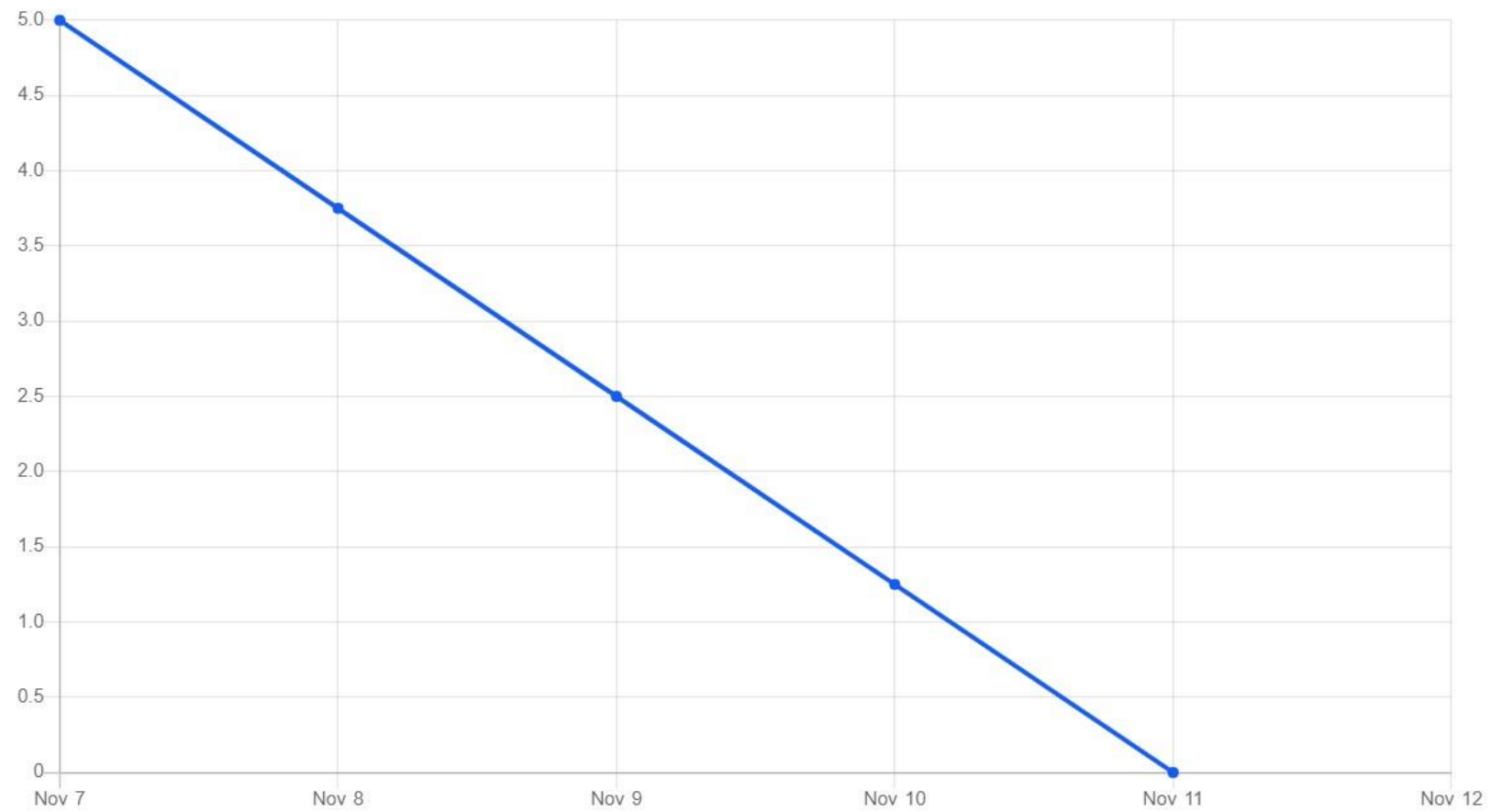
Sprint - 1

Burndown Chart



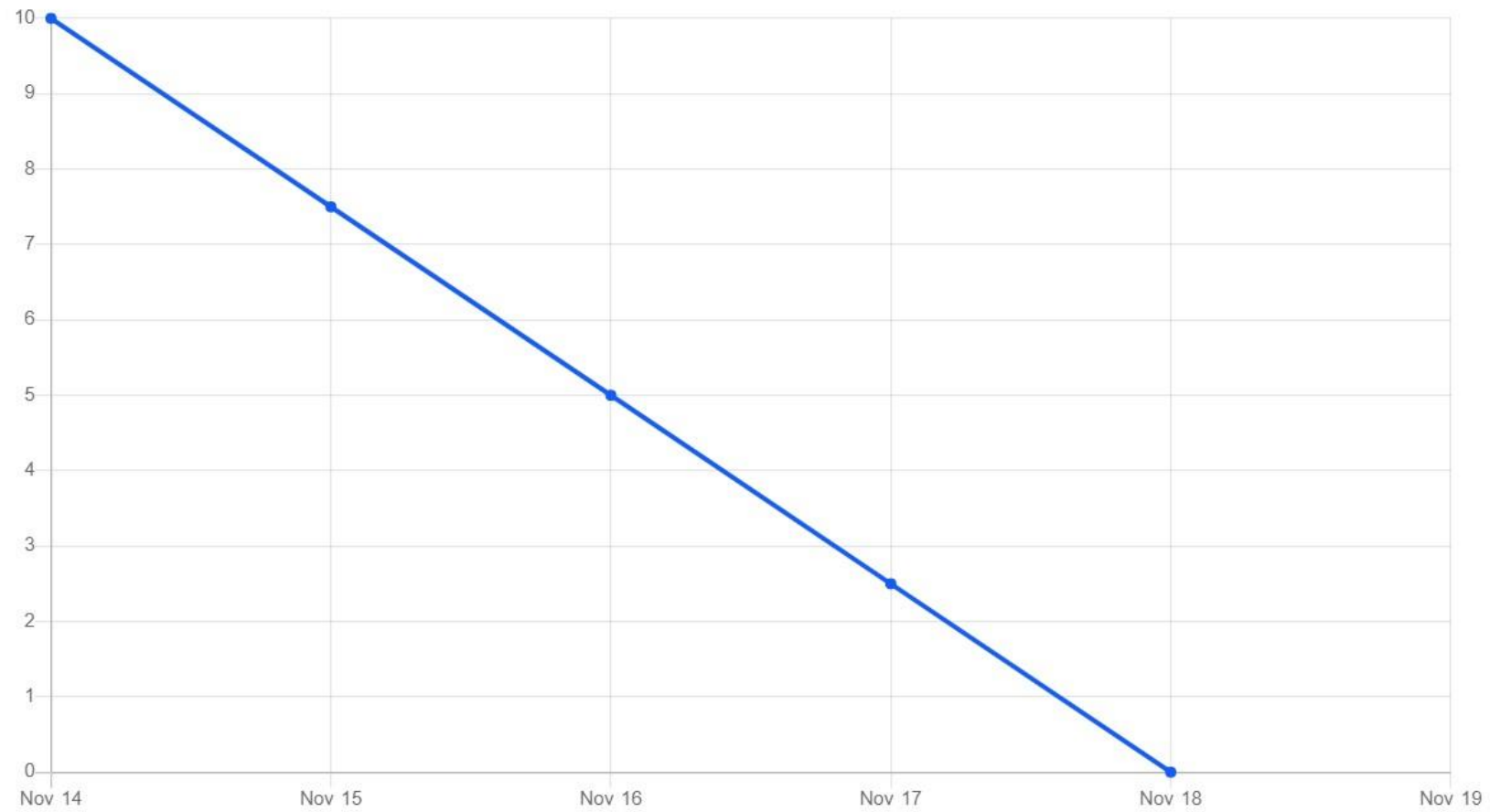
Sprint – 2

Burndown Chart



Sprint - 3

Burndown Chart



Sprint – 4

Project Tool: JIRA

Jira Software

Your work

Projects

Filters

Dashboards

People

Apps

Create

Search

Inventory Management...

Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

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Projects / Inventory Management System for Retailers

Backlog

GM

S

SV

SK

Epic

Insights

Epic

Issues without epic

> Registration

> Confirmation

> Login

> Dashboard

> Add items to cart

> Stock Update

> Request to customer care

+ Create Epic

IMSFR Sprint 1 23 Oct – 29 Oct (4 issues)

2 5 0 Complete sprint

IMSFR-1 As a user, I can register for the application by entering my email, password, ... REGISTRATION 2 IN PROGRESS GM

IMSFR-4 As a user, I can log into the application by entering email & password LOGIN 2 IN PROGRESS SK

IMSFR-2 As a user, I can register for the application through E-mail REGISTRATION 1 IN PROGRESS S

IMSFR-3 As a user, I will receive confirmation email once I have registered for the applicati... CONFIRMATION 2 TO DO SV

+ Create issue

> IMSFR Sprint 2 31 Oct – 5 Nov (2 issues)

9 0 0 Start sprint

> IMSFR Sprint 3 7 Nov – 12 Nov (1 issue)

5 0 0 Start sprint

> IMSFR Sprint 4 14 Nov – 19 Nov (2 issues)

10 0 0 Start sprint

> Backlog (0 issues)

0 0 0 Create sprint

Inventory Management...
Software project

PLANNING



Roadmap



Backlog



Board

DEVELOPMENT



Code



Project pages



Add shortcut



Project settings

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Roadmap

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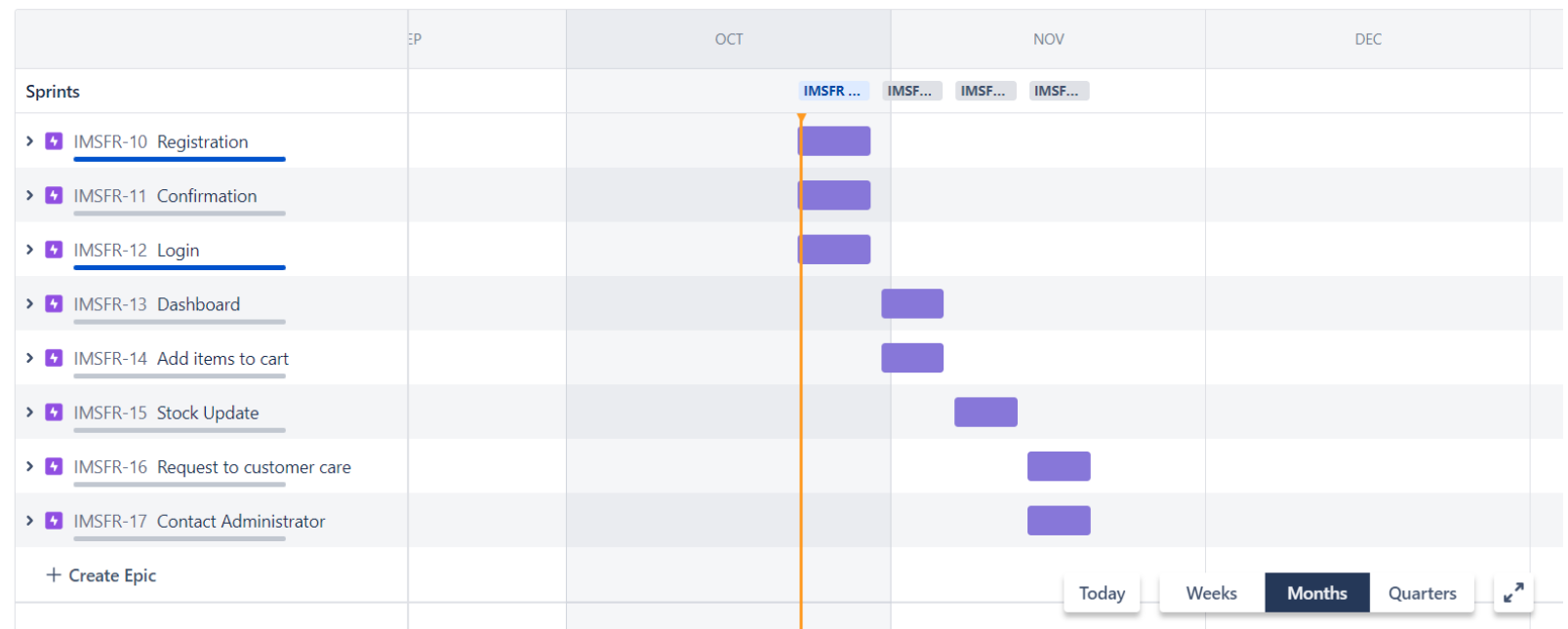
Export ...

View settings

Q Search



Status category ▾



Inventory Management...
Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

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IMSFR Sprint 1

5 days remaining Complete sprint

Epic

GROUP BY None

TO DO 1 ISSUE

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

CONFIRMATION

IMSFR-3 2

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

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

LOGIN

IMSFR-4 2

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

REGISTRATION

IMSFR-2 1

IN REVIEW

DONE