

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID2744
Project Name	AI-Based Localization and Classification of Skin Disease with Erythema
Maximum Marks	8 Marks

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

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	Haripriya, Arjun Srinivasan
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Aiswaraya Teresa
Sprint-1		USN-3	As a user, I can register for the application through Facebook	2	Low	Haripriya, Aiswaraya
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Aiswaraya Arjun Srinivasan
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Aiswaraya Arjun Srinivasan
Sprint-2	Dashboard	USN-6	As a user ,I can view the number of doctors available currently	3	Medium	Aiswaraya, Haripriya,
Sprint-1	Registration	USN-1	As a user ,I can register by entering the required credentials	4	High	Haripriya, Arjun Srinivasan
Sprint-1		USN-2	As a user, I can receive email verification after registration	2	High	Teresa, Haripriya
Sprint-2	Login	USN-3	As a user, I can register for the application through Gmail and Facebook	5	Low	Teresa, Arjun Srinivasan

Sprint-1	Dashboard	USN-4	As a user, I can log into the application by entering the correct email and password currently suffering with psoriasis	5	High	Haripriya Aiswaraya
Sprint-1		USN-5	As a user, I can view the number of patients currently suffering with psoriasis	4	Medium	Arjun Srinivasan Aiswaraya
Sprint-2	Registration	USN-1	As a customer care executive, I can register by filling the registration form	3	High	Aiswaraya, Teresa
Sprint-2	Login	USN-2	As a customer care executive, I can receive verification email	5	High	Haripriya Aiswaraya
Sprint-3	Chat bot	USN-3	As a customer care executive, I can provide support using chat bot	4	Low	Aiswaraya Arjun Srinivasan
Sprint-3	Ratings	USN-4	As a customer care executive, I can view my ratings and reviews	3	Low	Haripriya, Teresa
Sprint-4	Login	USN-1	As an administrator, I can login by providing the correct credentials	2	Medium	Arjun Srinivasan, Aiswaraya
Sprint-4		USN-3	As an administrator, I can connect doctors with specific	4	Medium	Teresa Aiswaraya,

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	9	6 Days	24 Oct 2022	29 Oct 2022	6	29 Oct 2022
Sprint-2	4	6 Days	31 Oct 2022	05 Nov 2022	16	05 Nov 2022
Sprint-3	2	6 Days	07 Nov 2022	12 Nov 2022	10	12 Nov 2022
Sprint-4	2	6 Days	14 Nov 2022	19 Nov 2022	14	19 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{20}{10} = 2$$

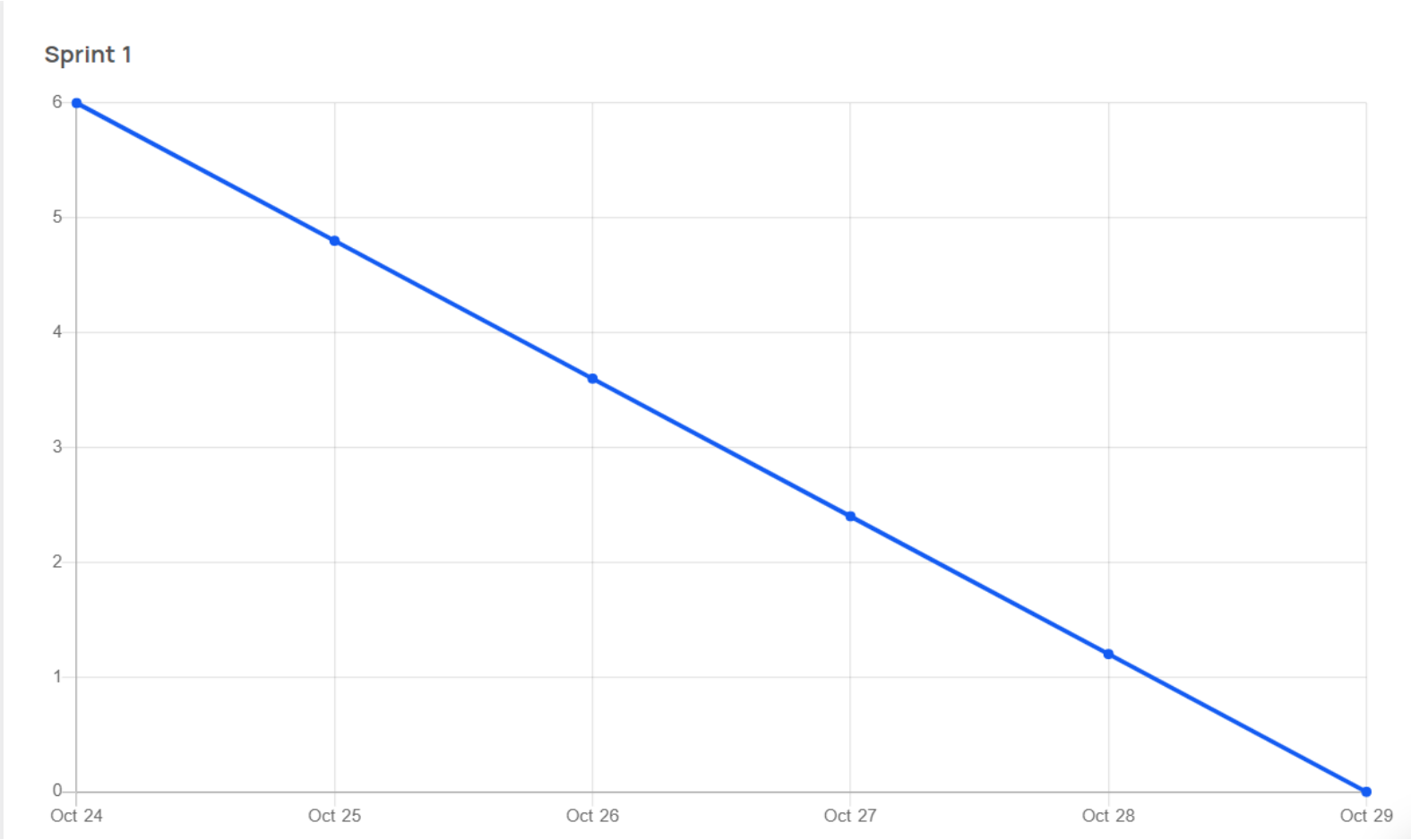
Sprint	Total Story Points	Duration	Average Velocity
Sprint-1	9	6 Days	9/6=1.5
Sprint-2	4	6 Days	4/6=0.6
Sprint-3	2	6 Days	2/6=0.3
Sprint-4	2	6 Days	2/6=0.3
Total	17	24	17/24=0.7

Burndown Chart:

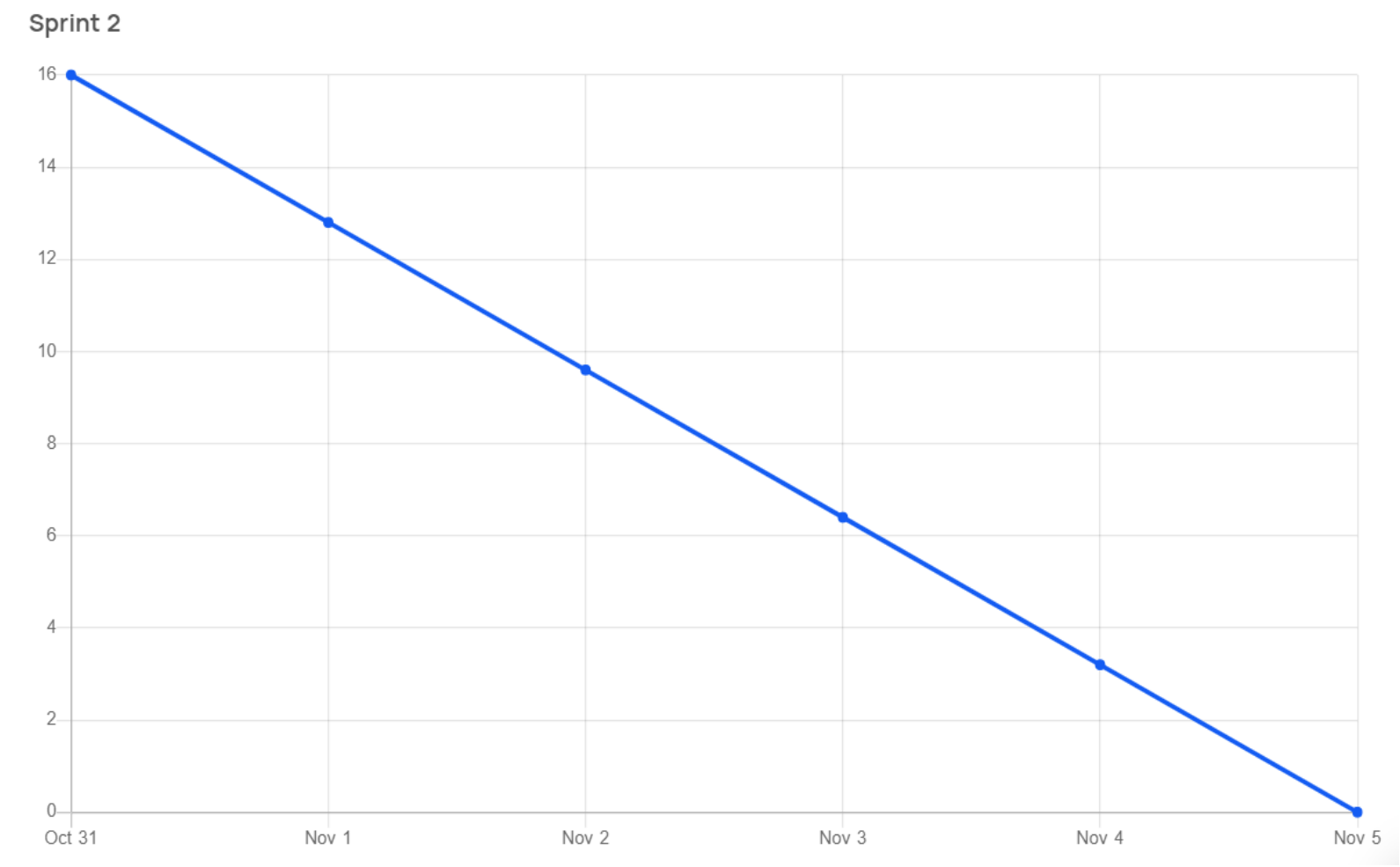
A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

Estimated Effort:

Sprint - 1:

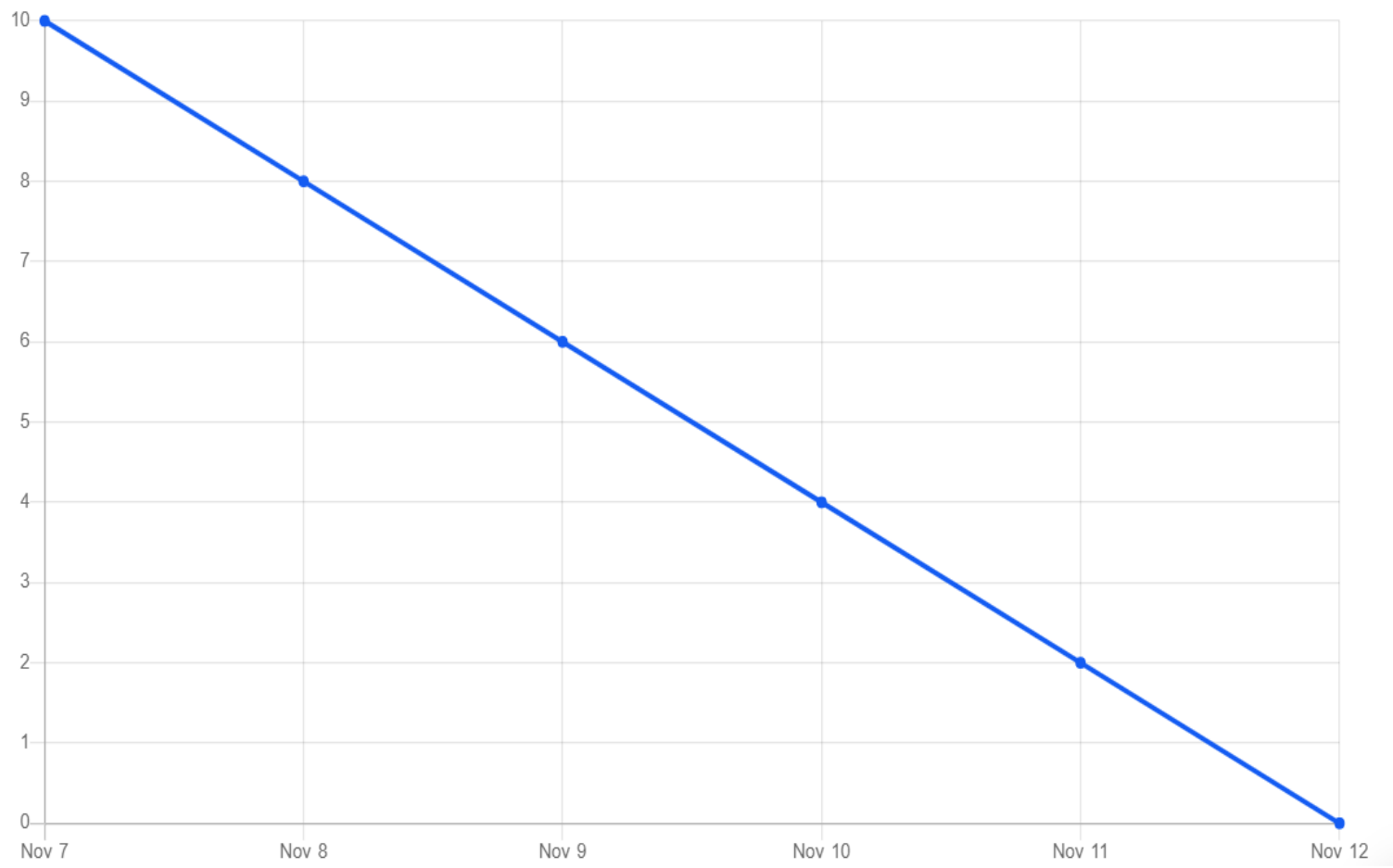


Sprint - 2:

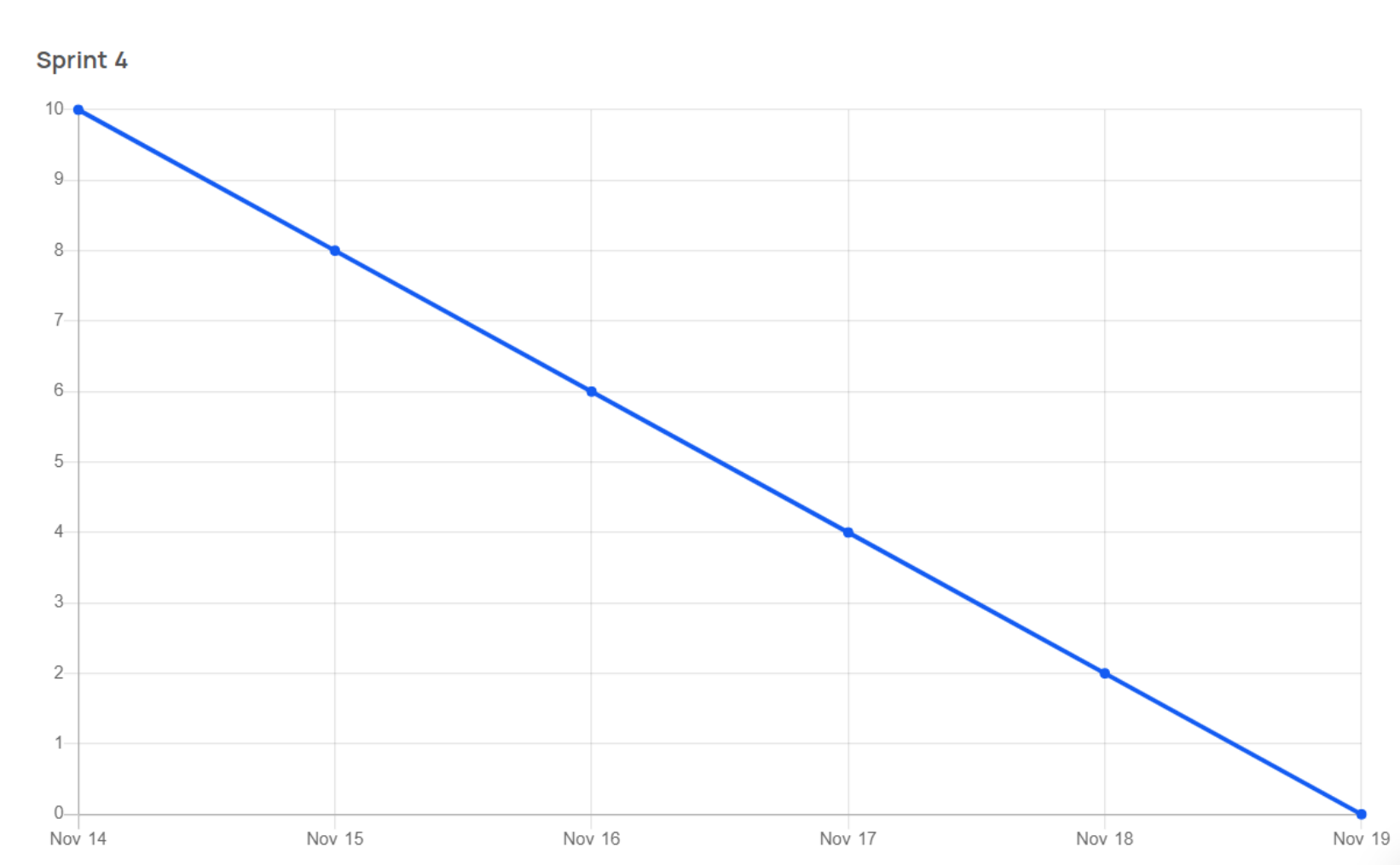


Sprint - 3:

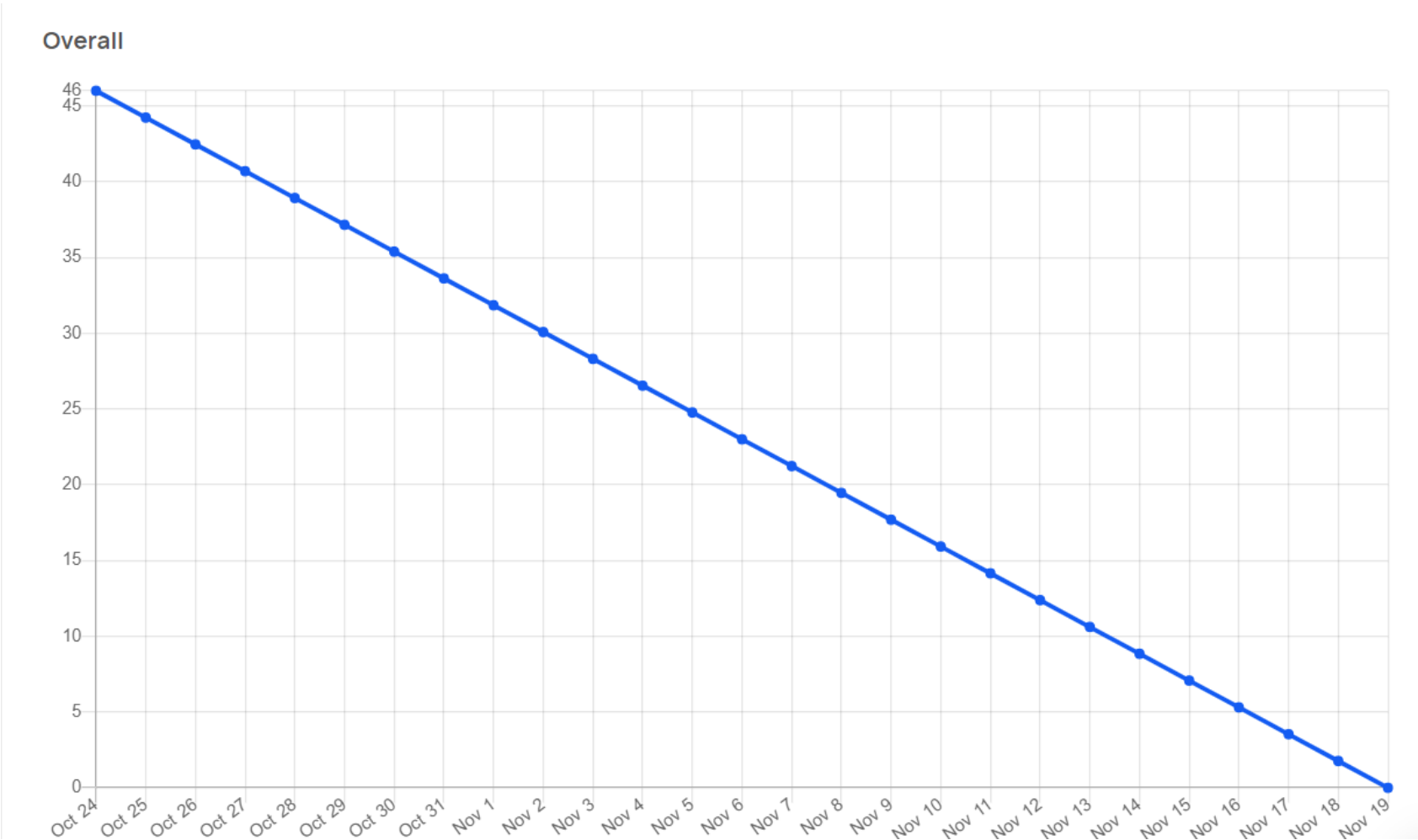
Sprint 3



Sprint - 4:



Overall burndown chart:



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Backlog

Q

Epic ▾

Insights

▼ RSSIA Sprint 1 Add dates (3 issues)

0 0 0

Start sprint

⋮

RSSIA-8 As a user, I can register for the application by entering my email, password, and confirming my password.

LOGIN

TO DO ▾

RSSIA-9 As a user, I will receive confirmation email once I have registered for the application

LOGIN

TO DO ▾

RSSIA-12 As a user, I can log into the application by entering email & password

LOGIN

TO DO ▾

+ Create issue

▼ RSSIA Sprint 2 Add dates (2 issues)

0 0 0

Start sprint

⋮

RSSIA-13 As a user, I can view my dashboard and can perform stock prediction and analysis

DASHBOARD

TO DO ▾

RSSIA-14 As a user I can view the list of categorized products and their details

DASHBOARD

TO DO ▾

+ Create issue

11:49 AM
10/25/2022



Retail Store Stock Inve...
Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

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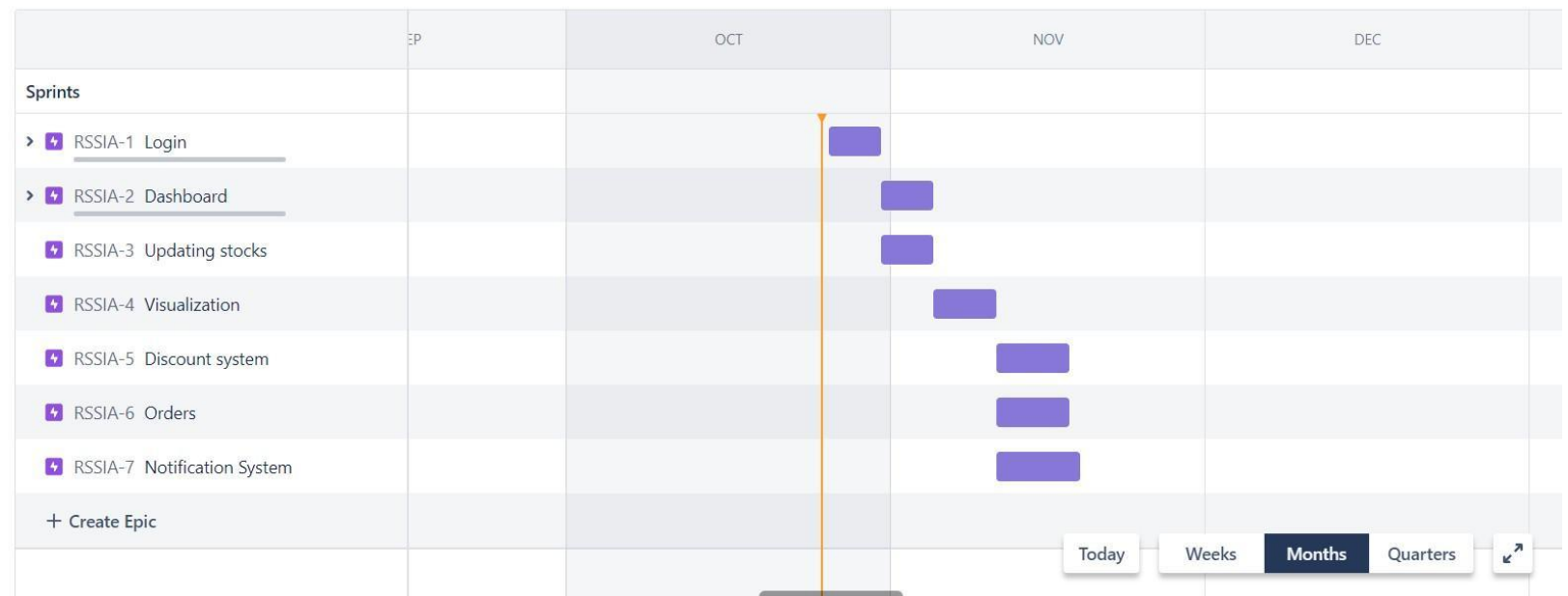
Roadmap

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Q



Status category ▾



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10/25/2022

Milestones and Activities:

MILESTONES	ACTIVITIES
Login	<ul style="list-style-type: none">• Login into Dashboard
Dashboard	<ul style="list-style-type: none">• View Stocks• Perform Predictions• Search Products
Updating Stocks	<ul style="list-style-type: none">• View Products• Add Products• Delete Products
Visualization	<ul style="list-style-type: none">• Report generation• Out of stock prediction• In stock prediction
Discount system	<ul style="list-style-type: none">• Discounts based on credits• Invoice generation
Orders	<ul style="list-style-type: none">• Reorder Stock
Notification system	<ul style="list-style-type: none">• Notification upon critical stock