

Project Planning Phase

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

Date	27 October 2022
Team ID	PNT2022TMID17885
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	Jamuna devi Janagan Jayapraba
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Harish Janagan
Sprint-1		USN-3	As a user, I can register for the application through Facebook	2	Low	Jamuna devi Janagan
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Jayapraba Harish
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Janagan Jayapraba
Sprint-2	Dashboard	USN-6	As a user, I can view the number of doctors available currently	3	Medium	Jamuna devi Janagan Jayapraba
Sprint-1	Registration	USN-1	As a user, I can register by entering the required credentials	4	High	Harish Janagan
Sprint-1		USN-2	As a user, I can receive email verification after registration	2	High	Jamunadevi Jayapraba
Sprint-2	Login	USN-3	As a user, I can register for the application through Gmail and Facebook	5	Low	Janagan Jamuna devi harish

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	Jayapraba Janagan
Sprint-1		USN-5	As a user, I can view the number of patients currently suffering with psoriasis	4	Medium	Jamuna devi Harish Jayapraba
Sprint-2	Registration	USN-1	As a customer care executive, I can register by filling the registration form	3	High	Jayapraba Harish
Sprint-2	Login	USN-2	As a customer care executive, I can receive verification email	5	High	Jamuna devi Janagan
Sprint-3	Chat bot	USN-3	As a customer care executive, I can provide support using chat bot	4	Low	Harish Janagan
Sprint-3	Ratings	USN-4	As a customer care executive, I can view my ratings and reviews	3	Low	Harish Janagan
Sprint-4	Login	USN-1	As an administrator, I can login by providing the correct credentials	2	Medium	Jayapraba Jamuna devi Janagan
Sprint-4		USN-3	As an administrator, I can connect doctors with specific	4	Medium	Jamuna devi Jayapraba

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)

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

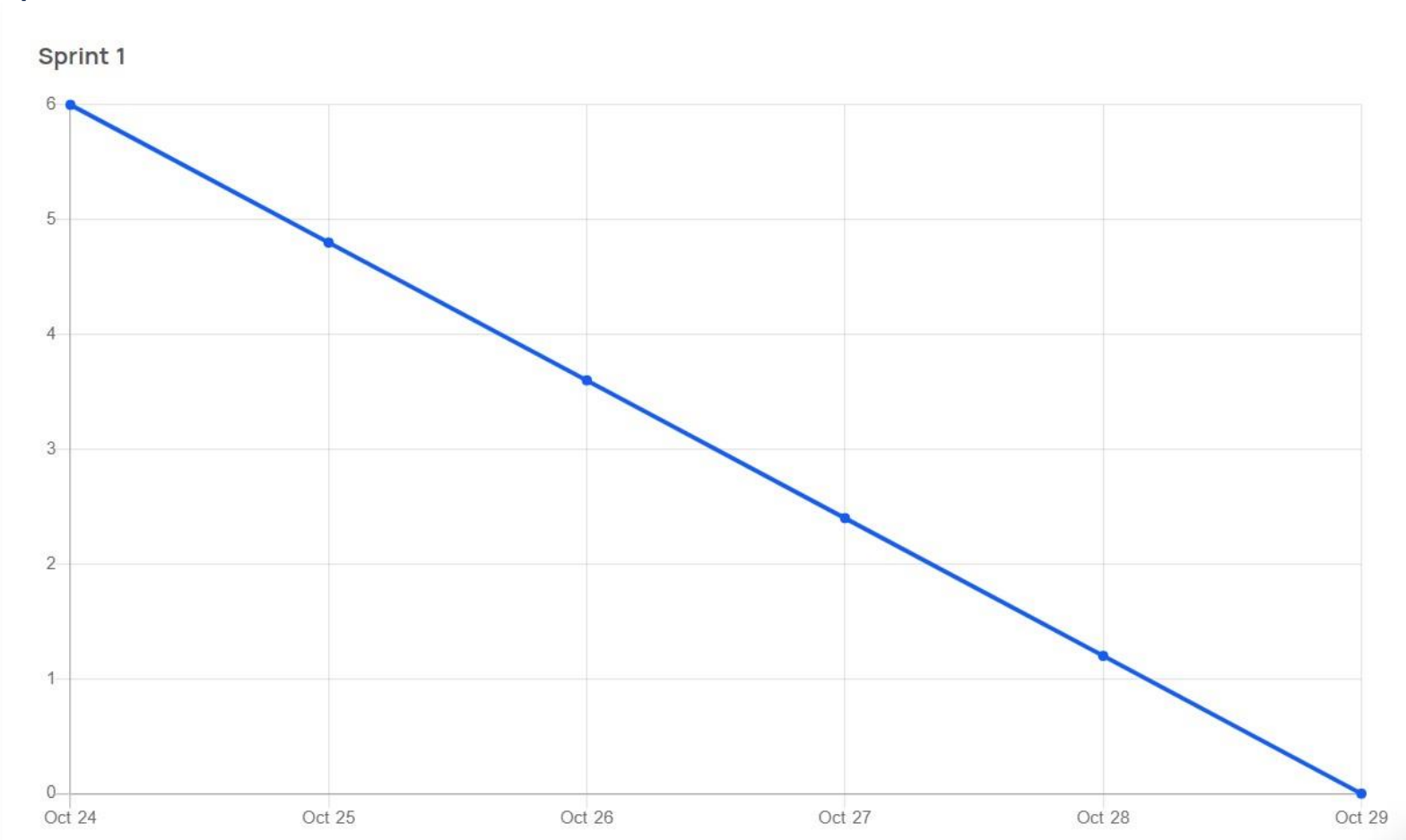
Sprint	Total Story Points	Duration	Average Velocity
Sprint-1	9	6 Days	9/6=1.5
Sprint-2	4	6 Days	4/6=0.6
Sprint-3	2	6 Days	2/6=0.3
Sprint-4	2	6 Days	2/6=0.3
Total	17	24	17/24=0.7

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:

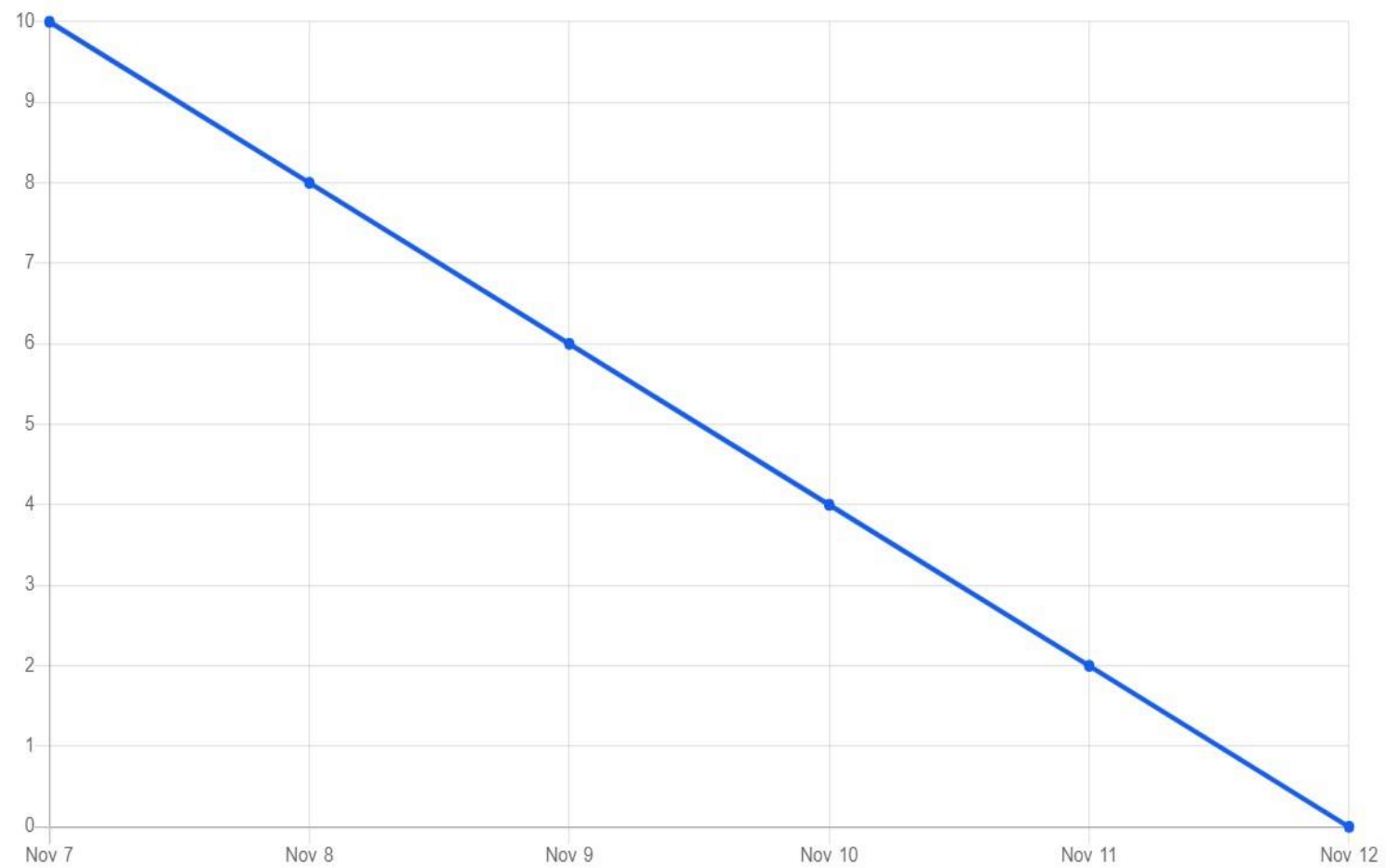


Sprint - 2:

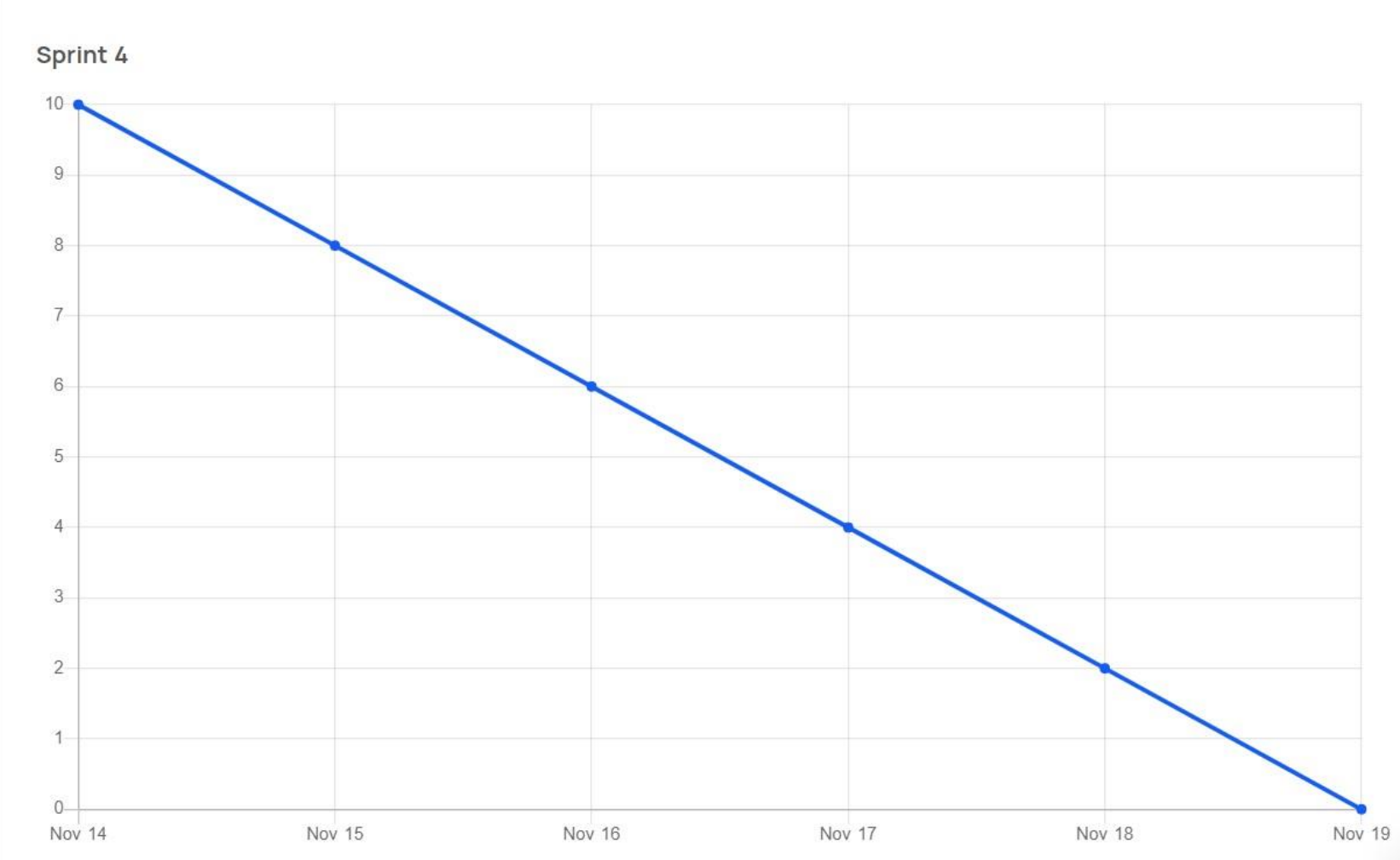
Sprint 2



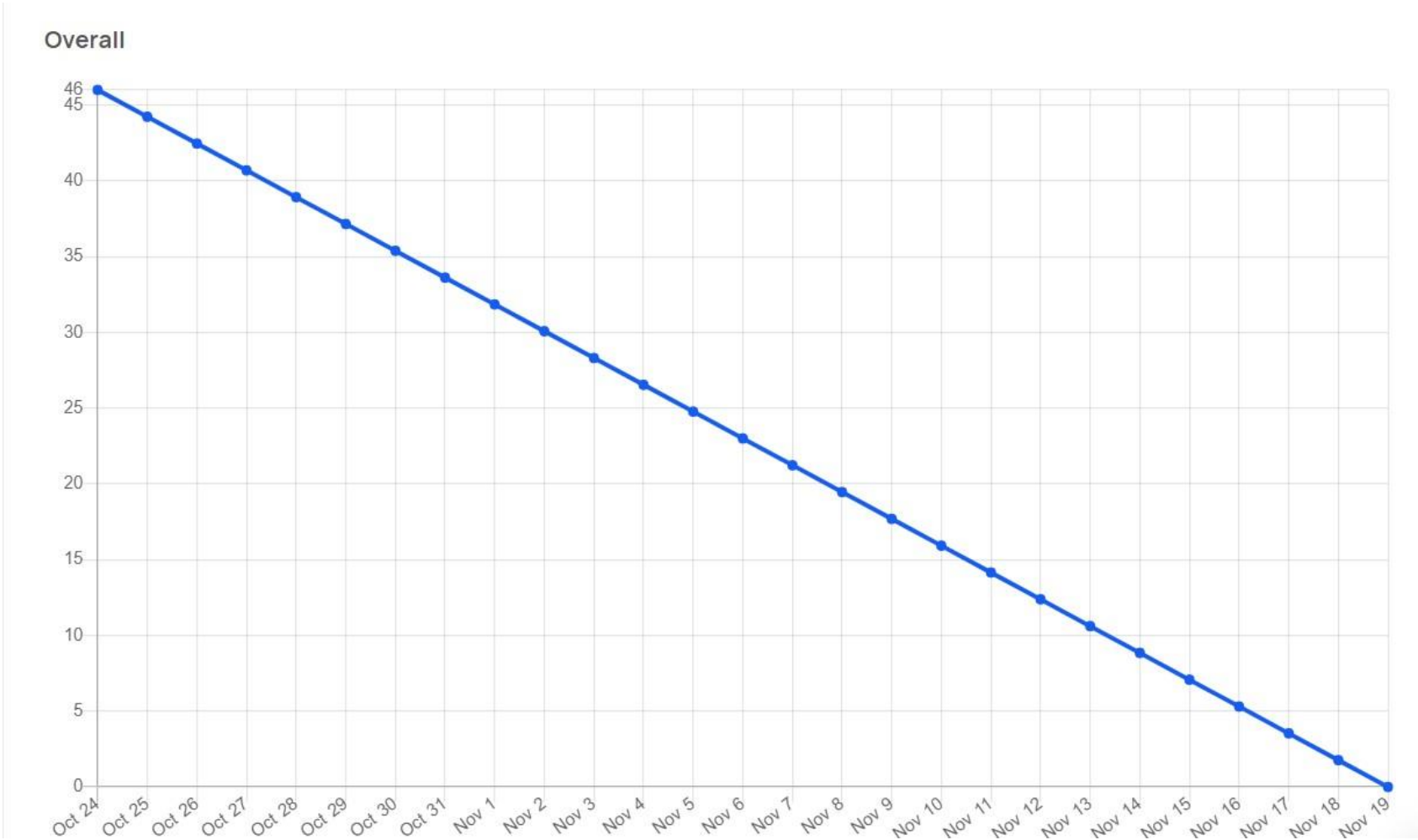
Sprint - 3:
Sprint 3



Sprint - 4:



Overall burndown chart:



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Backlog

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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 C

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

TO DO [User Avatar]

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

TO DO AS

+ 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 J

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

TO DO [User Avatar]

+ Create issue



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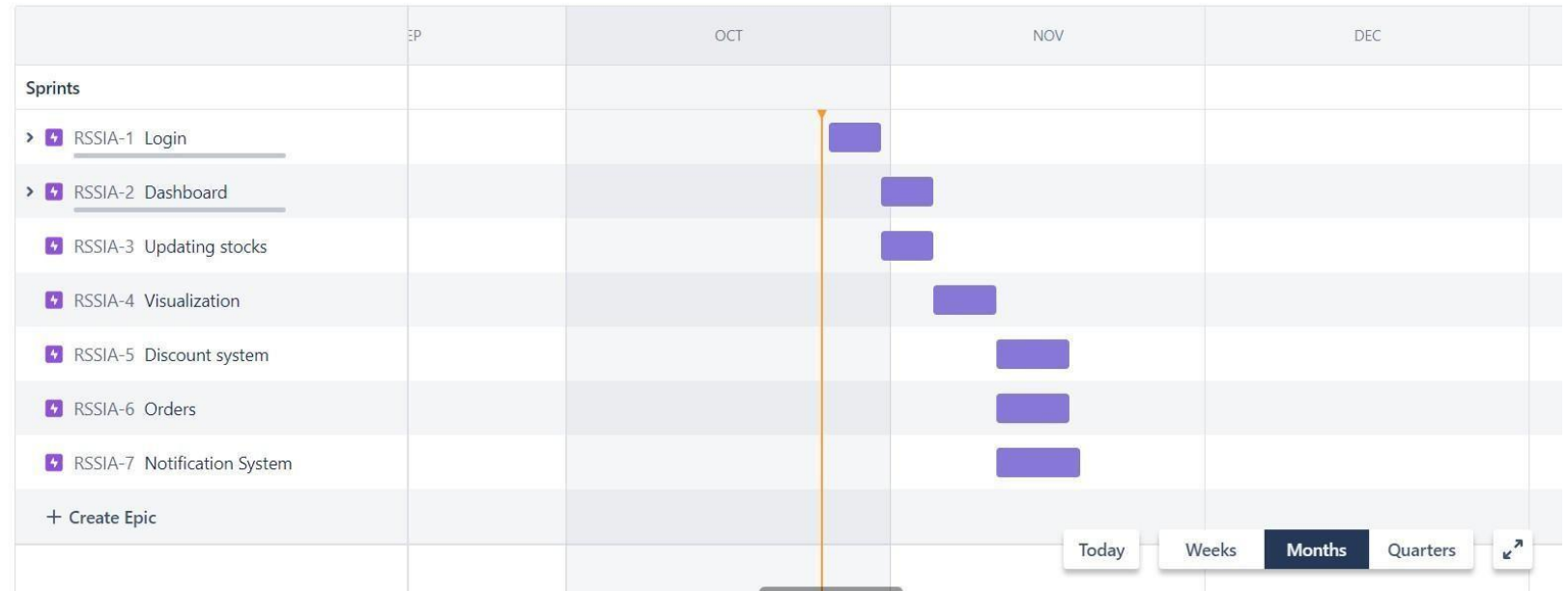
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Roadmap

 Give feedback  Share  Export ...

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🔍   J  AS  C  Status category ▾



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