

## Project Planning Phase

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

Date	10 November 2023
Team ID	Team-591756
Project Name	ECOMMERCE SHIPPING PREDICTION USING MACHINE LEARNING
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	Project Shipping Time	USN-1	AS a customer I want to know the estimated shipping time for my order	1	High	Tejasri, Adharsh
Sprint-2	Update shipping Information	USN-2	AS a Seller I want to update the shipping information for a project	2	Medium	Tejasri, Rishiteja

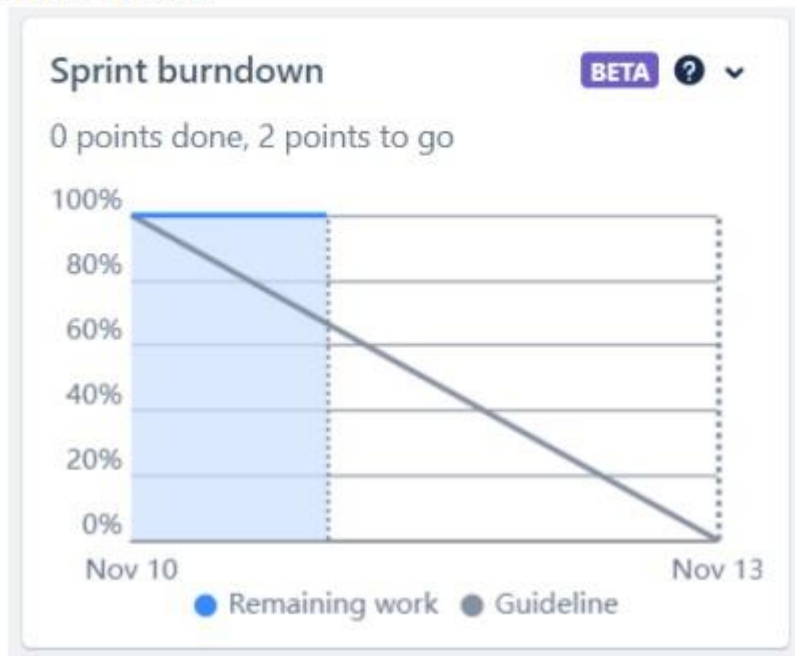
Sprint-3	Monitor Prediction Accuracy	USN-3	AS a systemadmin I want to monitor the accuracy of the shipping time predictions	2	Low	Yashw anth, Adhars h
Sprint-2	Track order	USN-4	AS a Customer I want to track this status of my order	3	High	Rishitej a Adhars h
Sprint-4	View sales statistics	USL-5	As a seller I want to view statistics on my sales	4	Medium	Yashwanth Rishiteja
Sprint-5	Manage Uses	USL-6	As a system admin I want to manage user accounts	6	Low	Tejasri
Sprint-4	Provide FeedBack	USL-7	As a customer I want to provide feedback on the shipping service	1	Medium	Yashwa nth, Tejasri
Sprint-6	View feedback	USL-8	As a seller I want to view customer feedback on the shipping service	1	Low	Yashw anth, Adharsh

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

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	3	8 Days	2 Nov 2023	9 Nov 2023	3	9 Nov 2023
Sprint-2	5	3 Days	7 Nov 2023	9 Nov 2023	5	9 Nov 2023
Sprint-3	10	3 Days	7 Nov 2023	9 Nov 2023	10	9 Nov 2023
Sprint-4	1	8 days	8 Nov 2023	15 Nov 2023	1	15 Nov 2023
Sprint-5	1	2 days	9 Nov 2023	10 Nov 2023	1	10 Nov 2023
Sprint-6	3	4 days	10 Nov 2023	13 Nov 2023	3	13 Nov 2023

Burndown Chart:

## Burndown Chart:



Timeline:-

Projects / Ecommerce Shipping

Timeline

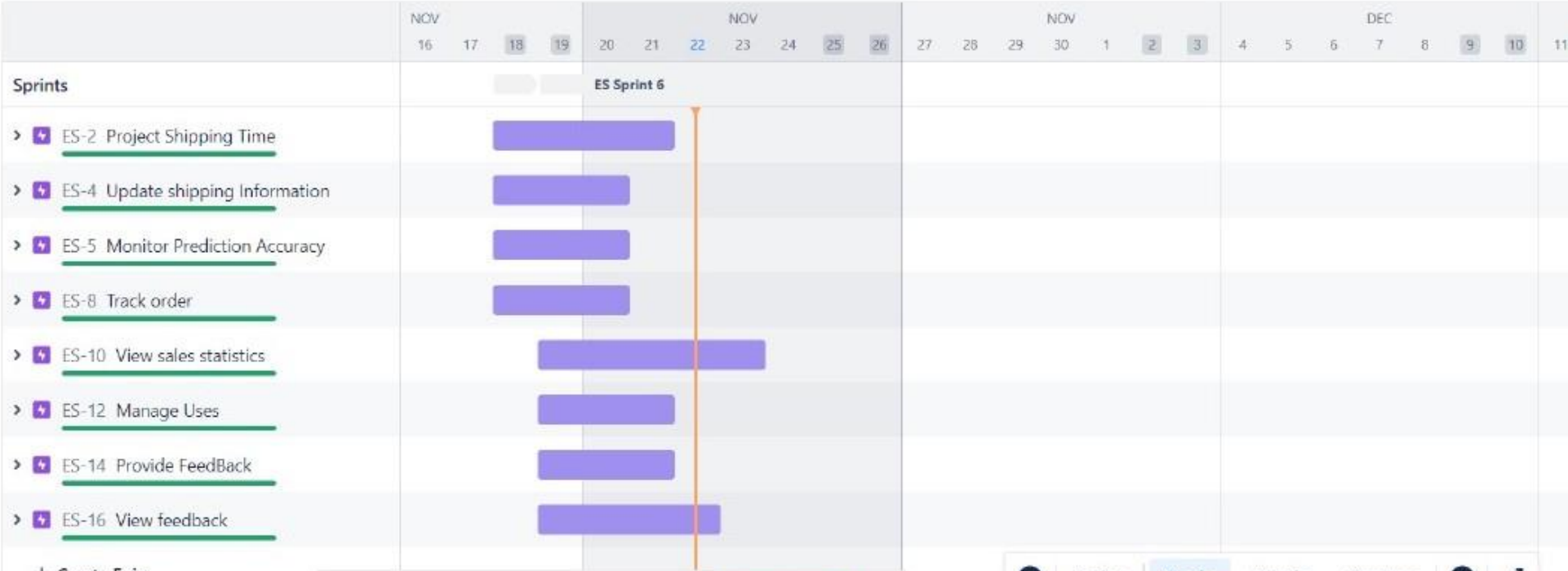
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# Velocity

## 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)

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} ;$$

$$AV = 23 / 23 = 1$$