

## Project Planning Phase

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

Date	2 November 2022
Team ID	PNT2022TMID42734
Project Name	Project – Smart fashion recommender application
Maximum Marks	8 Marks

#### 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	Abhijith, Santhosh, Saran, Saran Kumar
Sprint-2	Chatbot assistant	USN-2	As a user, I can get recommendations by chatting with Chatbot.	2	High	Abhijith, Santhosh, Saran, Saran Kumar
Sprint-3	Verification	USN-3	As a user, I will receive confirmation email once I have registered for the application	2	Medium	Abhijith, Santhosh, Saran, Saran Kumar
Sprint-4	Feedback, comment section.	USN-4	As a user I can write a fashion review as both positive and negative.	2	High	Abhijith, Santhosh, Saran, Saran Kumar
	Fashion sector	USN-5	As a user I can behave differently according to the type of need.	2	High	Abhijith, Santhosh,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Saran, Saran Kumar

#### 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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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)

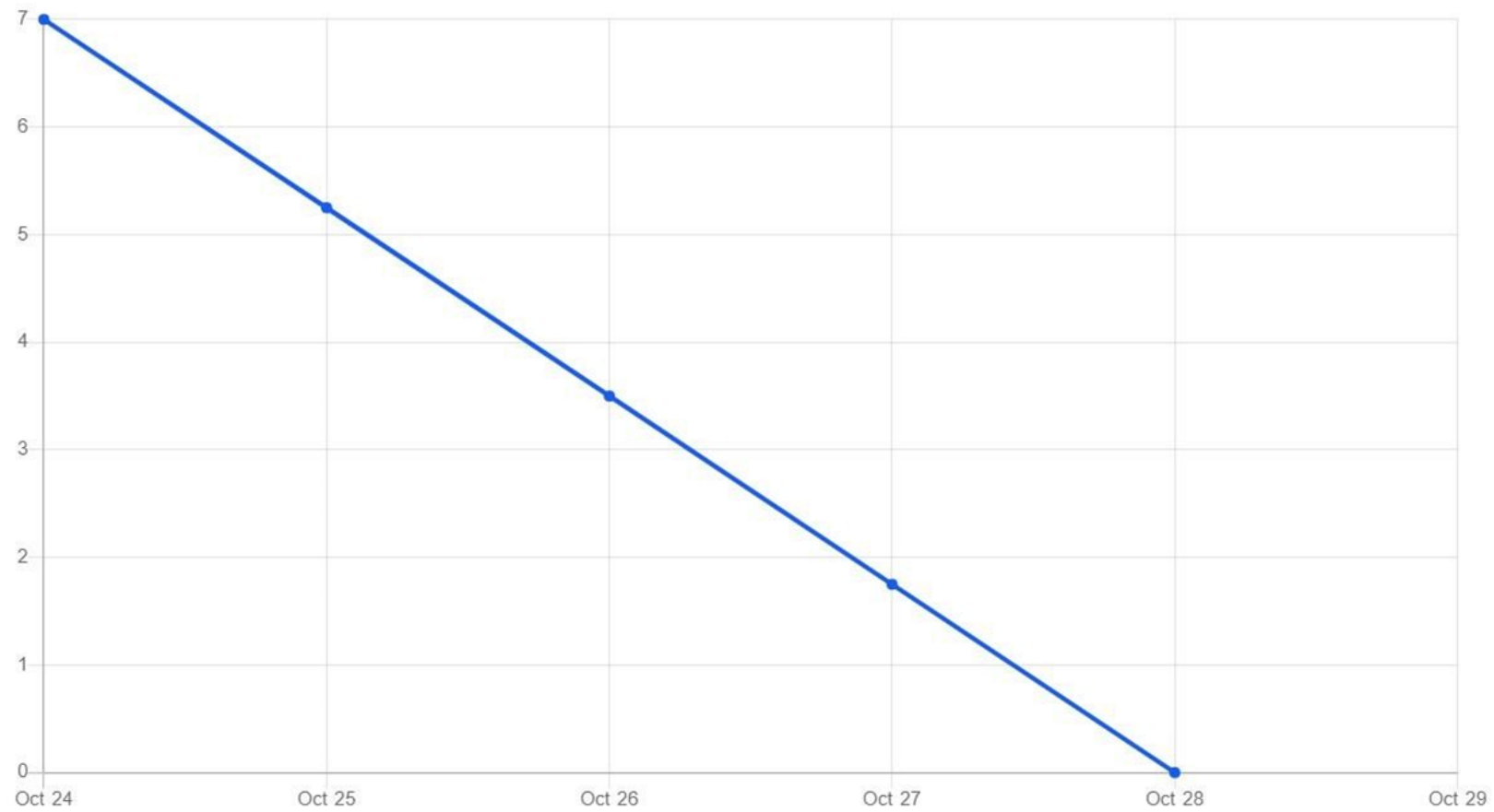
$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

**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

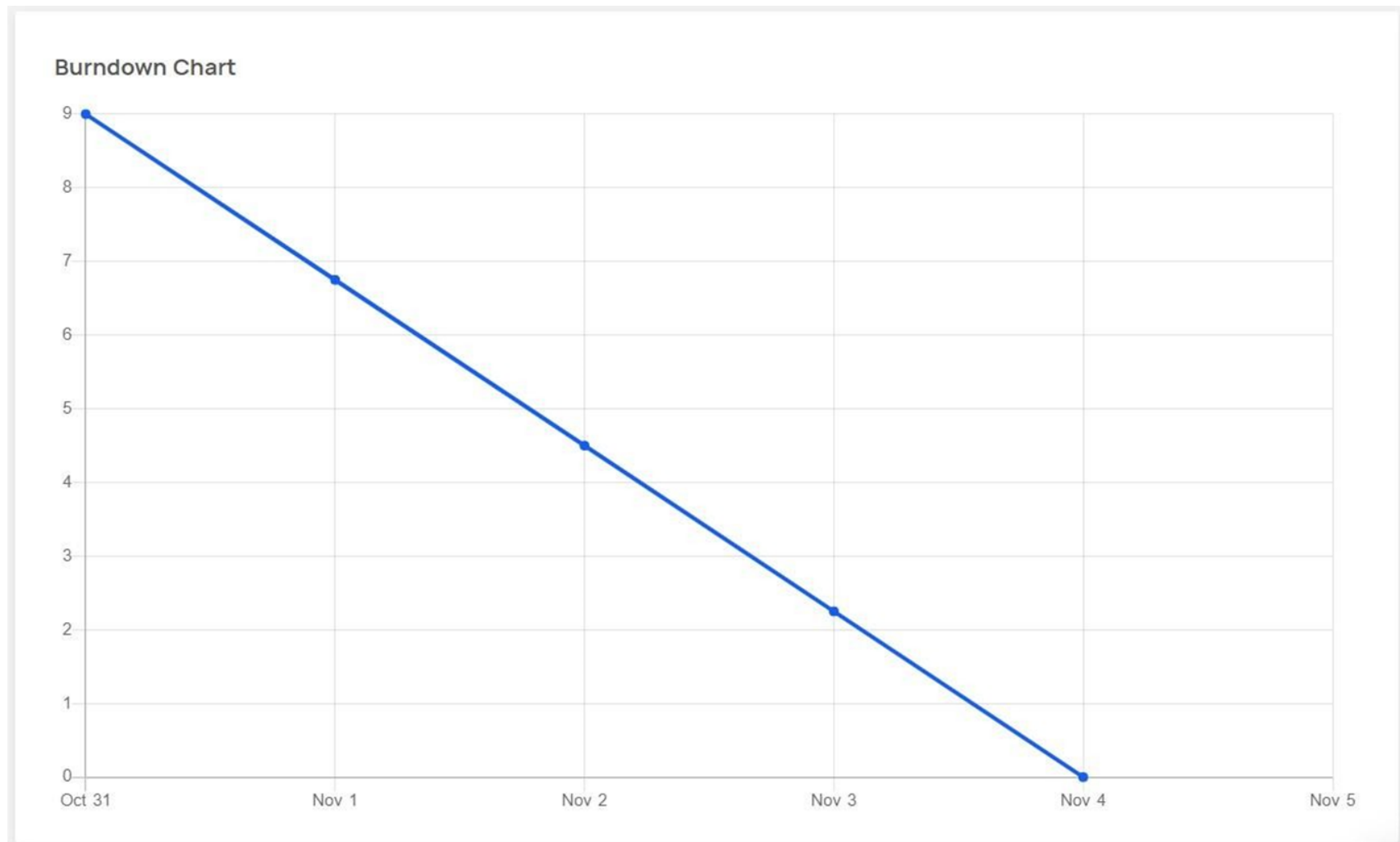
**Burndown Chart:**

Burndown Chart



Sprint-1



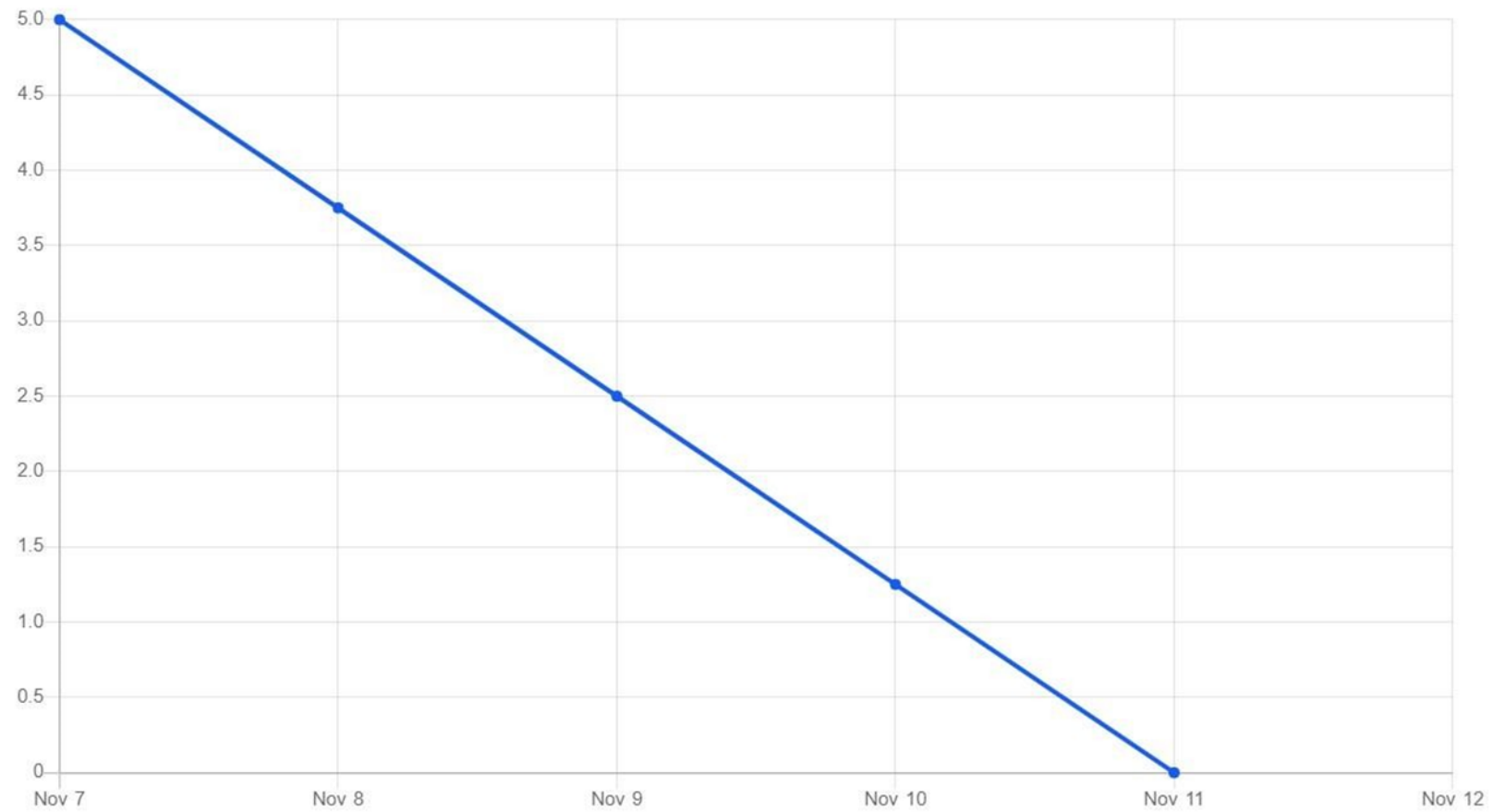


Sprint-2





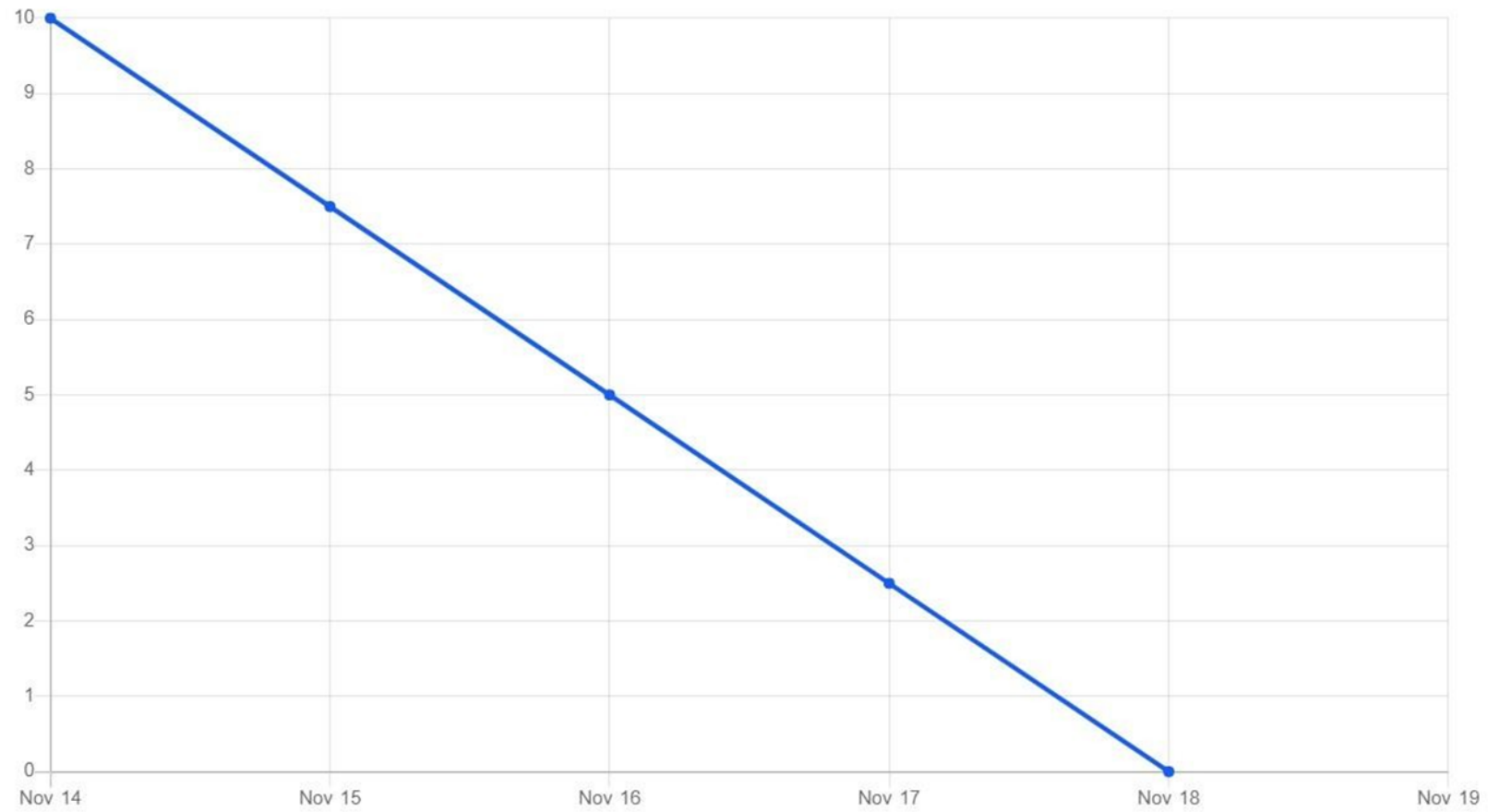
Burndown Chart








Sprint-3



Burndown Chart



Sprint-4

	OCT	NOV
Sprints		
⚡ SFRA-1 Registration		
⚡ SFRA-2 Verification		
⚡ SFRA-3 Login Process		
⚡ SFRA-4 Chatbot assistant		
⚡ SFRA-5 Feedback, comment section.		
⚡ SFRA-6 Fashion sector		