

## Project Planning Phase

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

Date	22 November 2023
Team ID	Team-593057
Project Name	AI enable car parking using opencv
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	Ssathyan S R
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Parthib Dey
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Ashish Pandey

Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Shriyansh
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Ssathyan S R
	Dashboard	USN-6	As a admin i can view all the details of vehicles parked	2	Medium	Parthib Dey
Sprint -2	Help desk/customer support	USN-7	As a customer care executive, I can solve queries of customers	2	Medium	Ashish Pandey
Sprint-3	Chatbot	USN-8	Chatbot can solve queries of customers and conferer	2	Low	Shriyansh

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

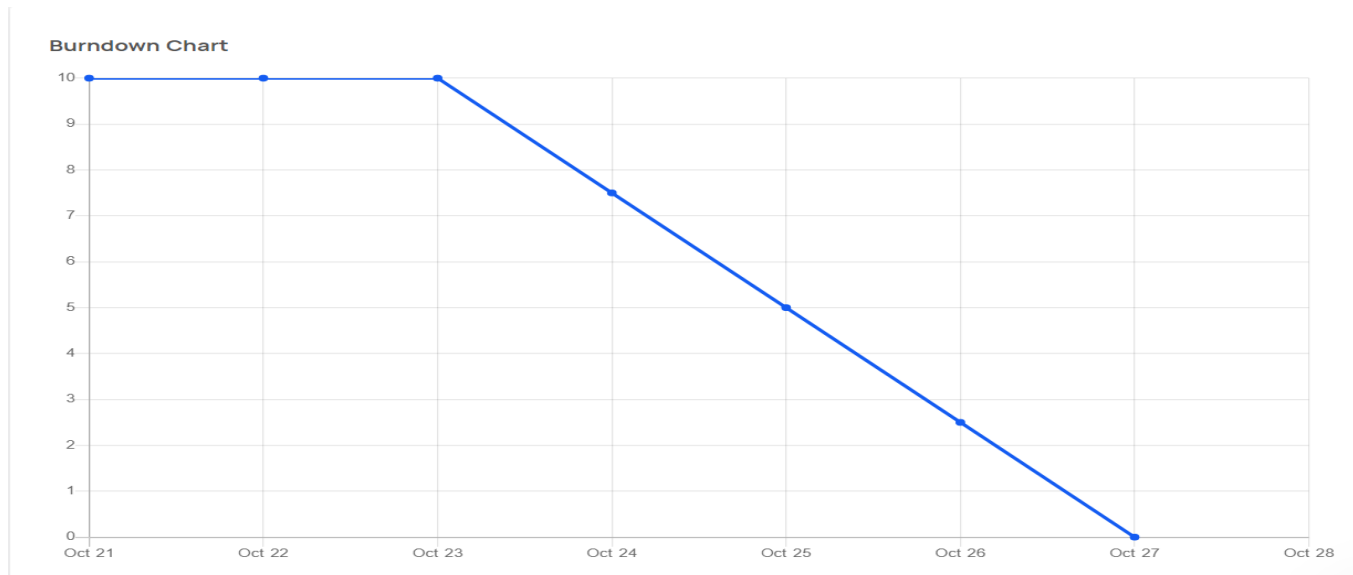
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	10	1 week	21 Oct 2023	28 Oct 2023	10	29 Oct 2023
Sprint-2	15	1 week	1 Nov 2023	08 Nov 2023	14	11 Nov 2023
Sprint-3	20	1 week	12 Nov 2023	19 Nov 2023	18	20 Nov 2023

**Velocity:**

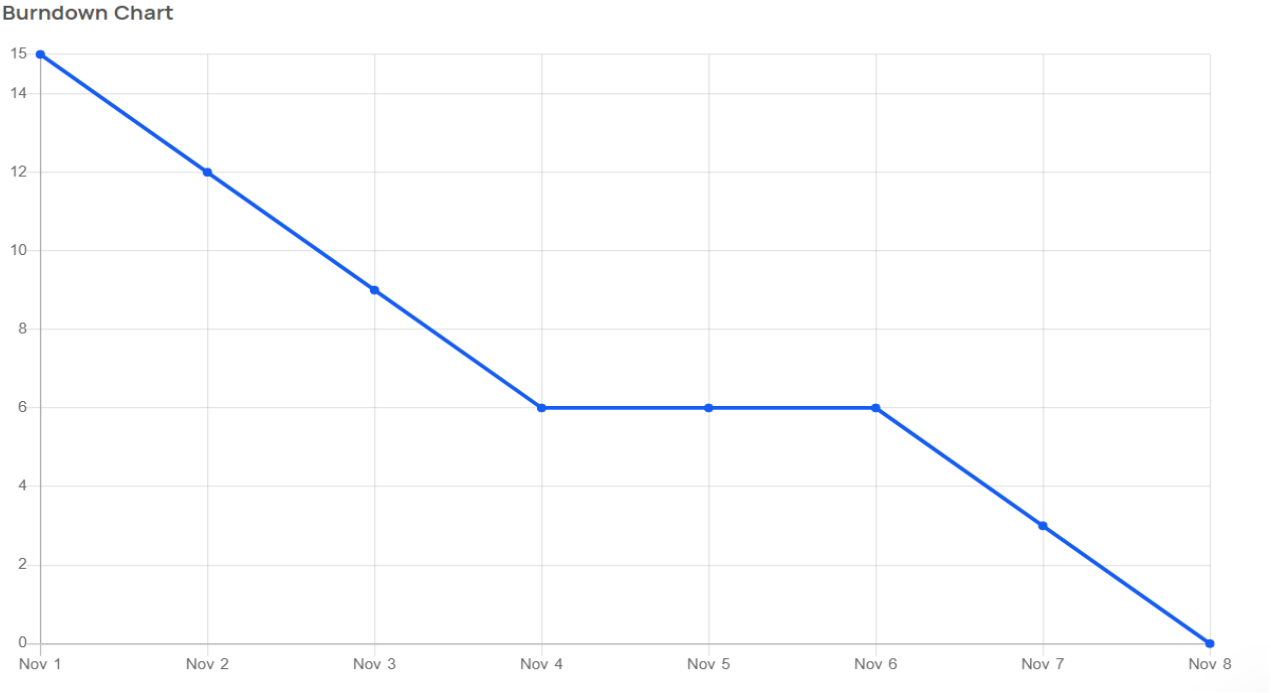
Average velocity =  $(10+14+18)/3 = 14$

**Burndown Chart:**

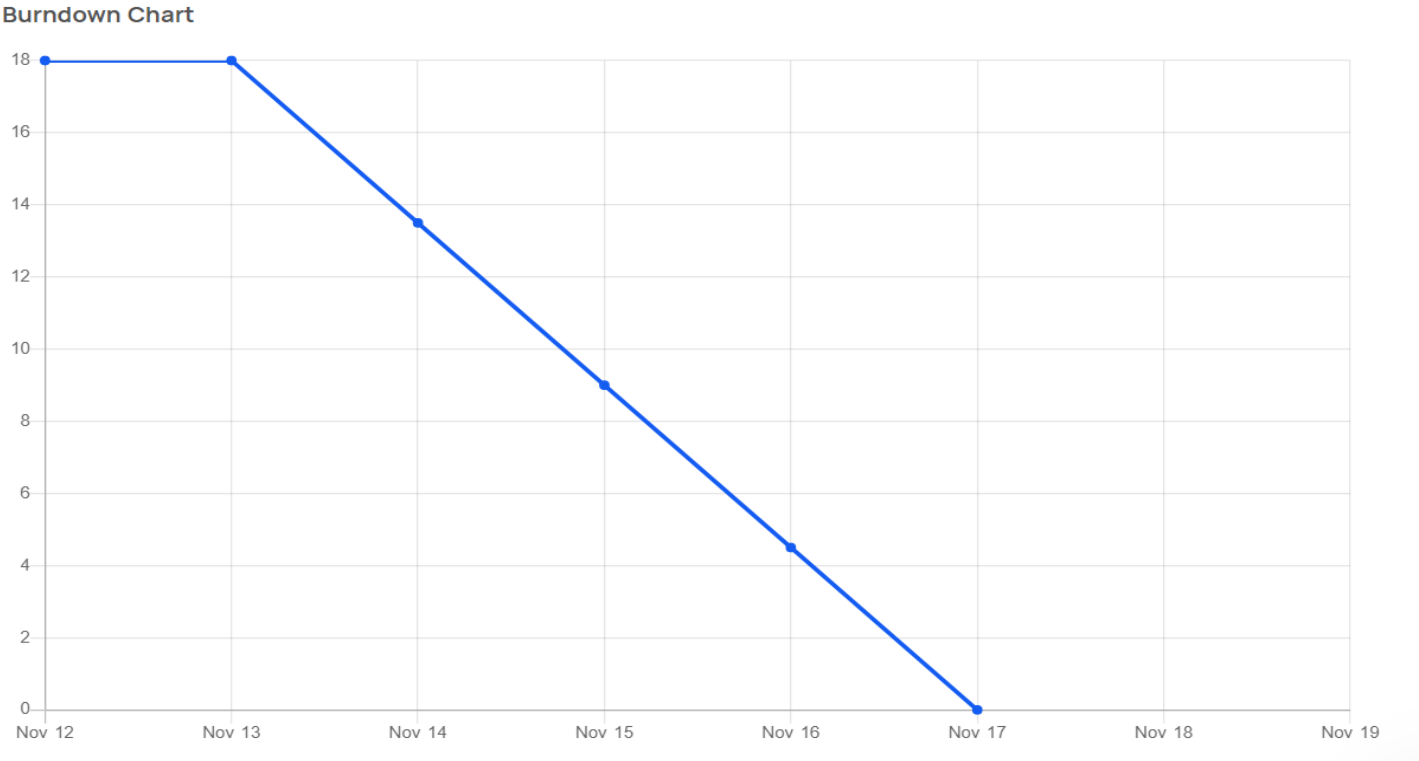
A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

**Sprint 1**

Sprint 2



Sprint 3



<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

**Reference:**

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>