

Project Planning Phase

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

Date	27 October 2023
Team ID	Team-593022
Project Name	Project - Vehicle Counter
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	Countering	USN-1	As a user, I want to counter the vehicles passing through a specific point in time.	5	High	Kashish, Khushi
Sprint-1	Reporting	USN-2	As a user, I want to be able to generate the number of vehicles that have passed through a specific point in time.	3	Medium	Akansha, Abhinay
Sprint-2	Classification	USN-3	As a user, I want to classify the vehicles into trucks, cars, buses etc.	4	High	Akansha, Khushi

Sprint-2	Speed	USN-4	As a user, I want to measure the speed of the vehicle	3	Medium	Abhinay, Kashish
----------	-------	-------	---	---	--------	------------------

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	12	6 Days	15 Oct 2023	20 Oct 2023	12	20 Oct 2023
Sprint-2	10	6 Days	21 Oct 2023	26 Oct 2023	10	26 Oct 2023

Velocity:

Assuming the team completes all of the story points in Sprint 1, the velocity of the team would be 12 story points per sprint.

Burndown Chart:

The burndown chart would track the progress of the team towards completing all of the story points in each sprint. The ideal burndown chart would show a steady decline in the number of remaining story points, with the team completing all of the story points by the end of the sprint.

<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>