

Project Planning Phase

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

Date	26 October 2022
Team ID	PNT2022TMID17991
Project Name	Project – Machine Learning based Vehicle Performance Analyzer
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	Home Page	USN-1	As a user, I can able to view the Home Page of the Application.	20	Medium	Thinissiya T R
Sprint-2	Data Entry	USN-2	As a user, I can enter the Vehicle data in the web application.	20	Medium	Vijayalakshmi R
Sprint-3	Vehicle Performance Analysis	USN-3	As a user, I expect the analysis process must start after I clicking the predict button.	20	Medium	Deepika J
Sprint-4	Vehicle Performance Value Prediction	USN-4	As a user, I expect the application to predict the performance of the vehicle based on the given details of the vehicle.	20	Medium	Pavithra Devi J

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:

Sprint 1: 1 user story x 20 story points = 20

Sprint 2: 1 user story x 20 story points = 20

Sprint 3: 1 user story x 20 story points = 20

Sprint 4: 1 user story x 20 story points = 20

Total = 80

Average Sprint Velocity = $80 \div 4 = 20$

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.

