

Project Planning Phase

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

Date	11 November 2022
Team ID	PNT2022TMID21221
Project Name	Project – Car Resale Value Prediction
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	Dashboard and Search	USN-1	As a user, I can enter the specifications of the car I need	2	High	Fathima Safa K U, Hemapriya M, Ponmalar M, Kavitha S
Sprint-2	Display	USN-2	As a user, I can view the predicted result	2	High	Fathima Safa K U, Hemapriya M, Ponmalar M, Kavitha S
Sprint-2	Analyse	USN-3	As an administrator I can analyse the dataset and come up with the results	2	High	Fathima Safa K U, Hemapriya M, Ponmalar M, Kavitha S

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	7 Days	20 Oct 2022	27 Oct 2022	20	19 November 2022
Sprint-2	20	7 Days	03 Nov 2022	10 Nov 2022	20	19 November 2022

Velocity:

we have a 7-day sprint duration, and the velocity of the team is 20 (points per sprint). Our team's average velocity (AV) per iteration unit (story points per day)

$$\text{Average Velocity} = \text{Sprint duration} \div \text{Velocity} = 20 \div 7 = 2.85 \sim 3$$

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.

