

## Project Planning Phase

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

Date			31 October 2022			
Team ID			PNT2022TMID53277			
Project Name			Car Resale Value Prediction			
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Pre-process data	USN-1	Collect Dataset	1	Low	Sruthi G
Sprint-1		USN-2	Import required libraries	1	Low	Sruthi G
Sprint-1		USN-3	Read and clean data sets	2	Low	Sharan D, Saagar Prasad V
Sprint-2	Model building	USN-1	Split data into independent and dependent variables	3	Medium	Paul Jabez
Sprint-2		USN-2	Apply using regression model	3	Medium	Sruthi G, Sharan D, Saagar Prasad V, Paul Jabez
Sprint-3	Application building	USN-1	Build python flask application and HTML page	5	High	Sruthi G, Sharan D, Saagar Prasad V
Sprint-3		USN-2	Execute and test	5	High	Paul Jabez
Sprint-4	Training the model	USN-1	Train machine learning model	5	High	Sruthi G, Sharan D
Sprint-4		USN-2	Integrate flask	5	High	Saagar Prasad V, Paul Jabez

Maximum Marks	8 Marks
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**Product Backlog, Sprint Schedule, and Estimation (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

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

Burndown Chart:

