

## Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID40489
Project Name	Car Resale Value Prediction
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	Pre-process data	USN-1	Collect Dataset	1	Low	Sanjai P
Sprint-1		USN-2	Import required libraries	1	Low	Harish M
Sprint-1		USN-3	Read and clean data sets	2	Low	Kalai Selvan S
Sprint-2	Model building	USN-1	Split data into independent and dependent variables	3	Medium	Sanjai P
Sprint-2		USN-2	Apply using regression model	3	Medium	Eswara Pandiyan D
Sprint-3	Application building	USN-1	Build python flask application and HTML page	5	High	Kalai Selvan S & Eswara Pandiyan D
Sprint-3		USN-2	Execute and test	5	High	Harish M
Sprint-4	Training the model	USN-1	Train machine learning model	5	High	Sanjai P & Harish M
Sprint-4		USN-2	Integrate flask	5	High	Kalai Selvan S

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

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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

**Burndown Chart:**

	OCT							NOV							NOV													
	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
✚ CAR-1 Data set collection about second hand cars																												
✚ CAR-2 import required libraries																												
✚ CAR-3 read dataset																												
✚ CAR-4 clean dataset																												
✚ CAR-5 split data into independent and dependent v...																												
✚ CAR-6 Apply using regression model																												
✚ CAR-7 Build python flask application																												
✚ CAR-8 Build HTML page																												
✚ CAR-9 Execute and Test																												
✚ CAR-10 Train Machine Learning model																												
✚ CAR-11 Integrate flask																												