Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID54110
Project Name	Car Resale Value Prediction
Maximum Marks	8 Marks

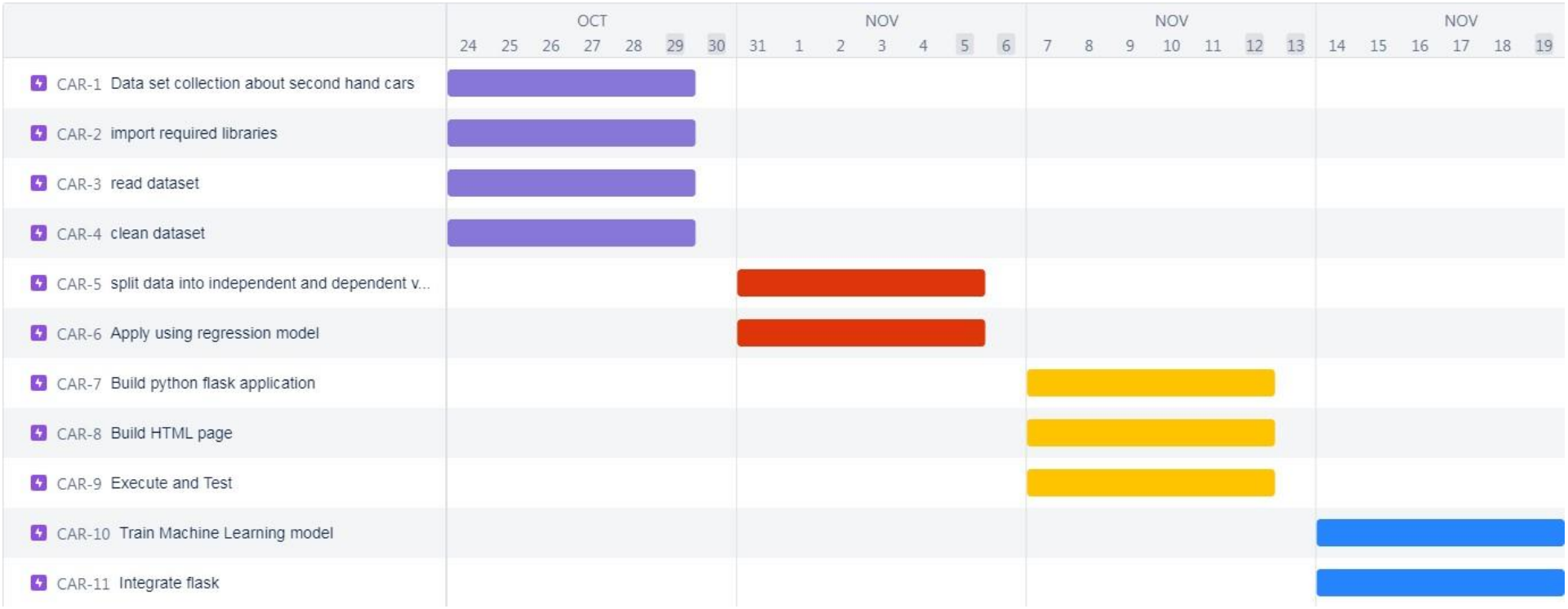
Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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	Rajesh T R
Sprint-1		USN-2	Import required libraries	1	Low	Harish M
Sprint-1		USN-3	Read and clean data sets	2	Low	Sam Sundar Z
Sprint-2	Model building	USN-1	Split data into independent and dependent variables	3	Medium	Rajesh T R
Sprint-2		USN-2	Apply using regression model	3	Medium	Vengatesan D
Sprint-3	Application building	USN-1	Build python flask application and HTML page	5	High	Sam Sundar Z & Vengatesan 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	Rajesh T R & Harish M
Sprint-4		USN-2	Integrate flask	5	High	Sam Sundar Z

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

Burndown Chart:


OCT
NOV
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