Project Planning Phase

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

Team ID	PNT2022TMID42107
Project Name	Car Resale Value Prediction
College Name	AVS College of Technology

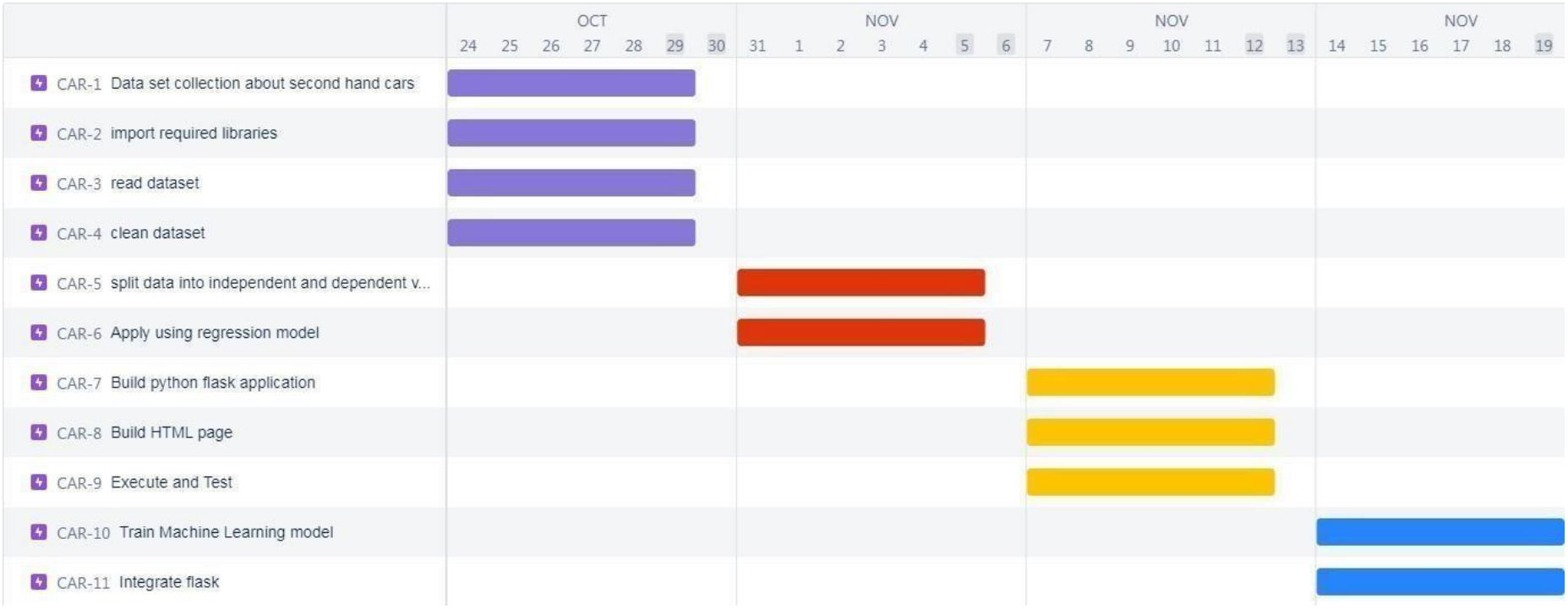
Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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	Shakthi.M
Sprint-1		USN-2	Import required libraries	1	Low	Shakthi.M
Sprint-1		USN-3	Read and clean data sets	2	Low	Shakthi.M
Sprint-1		USN-4	Split data into independent and dependent variables	3	Medium	Shakthi.M
Sprint-2	Model Building	USN-1	Choose the appropriate model	3	Medium	Shakthi.M
Sprint-2		USN-2	Choose the Matrix of the Model	3	Medium	Shakthi.M
Sprint-2		USN-3	Save the Model	4	Medium	VenuAravind.K
Sprint-3	Application Building	USN-1	Buid an HTML Page	5	High	VenuAravind.K
Sprint-3		USN-2	Build python flask application	5	High	VenuAravind.K
Sprint-3		USN-3	Execute and test	5	High	VenuAravind.K
Sprint-4	Training the model	USN-1	Train machine learning model	5	High	VenuAravind.K
Sprint-4		USN-2	Register for IBM cloud	5	High	VenuAravind.K
Sprint-4		USN-3	Integrate flask	5	High	VenuAravind.K

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
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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