Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID35766
Project Name	Project - Car Resale Value Prediction
Maximum Marks	4 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	Preprocessing and viewing of data sets	USN-1	Partitioning the dataset into dependent and independent variables after cleaning	2	High	PRIYADHARSHINI R
Sprint-2	Building the model	USN-2	selecting the proper model for construction, then saving the model as a pickle file	1	High	JOTHIKA S GAYATHRISRI R
Sprint-3	Application building	USN-3	Using flask deploying the ML mode	2	Medium	SHR INIKHITHAA R M
Sprint-4	Train the model in IBM	USN-4	Finally, launch the application after training the model on IBM cloud.	2	Medium	PRIYADHARSHINI R

Sprint Delivery Plan

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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	15	5 Days	20 Oct 2022	25 Oct 2022	15	25 Oct 2022
Sprint-2	15	5 Days	27 Oct 2022	01 Nov 2022	15	01 Nov 2022
Sprint-3	15	5 Days	03 Nov 2022	08 Nov 2022	15	03 Nov 2022
Sprint-4	15	5 Days	10 Nov 2022	15 Nov 2022	15	10 Nov 2022

Velocity:

We have a 5-day sprint duration, and the velocity of the team is 15 (points per sprint). The team's average velocity (AV) per iteration unit (story points per day)

Actual Velocity = Sprint Duration/Velocity = 15/5 = 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.