Project Planning Phase

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

Date	16 November 2022
Team ID	PNT2022TMID04253
Project Name	Project– Car resale value prediction
Maximum Marks	4 Marks

ProductBacklog, Sprint Schedule, andEstimation (4Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement(Epic)	UserStory Number	UserStory/Task	Story Points	Priority	Team Members
Sprint-1	Dataset reading and Pre processing	USN-1	Cleaning the dataset and splitting to dependent and independent variables	2	High	NIVETHA K
Sprint-2	Building the model	USN-2	Choosing the appropriate model for building and saving the model as pickle file	1	High	NIVETHA K
Sprint-3	Application building	USN-3	Using flask deploying t..e ML model	2	Medium	MAADHINI B
Sprint-4	Train the model in IBM	USN-4	Finally train the model on IBM cloud and deploy the application	2	Medium	MAADHINI B

Sprint Delivery Plan

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ProjectTracker, Velocity & Burndown Chart: (4Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed(ason PlannedEndDate)	SprintReleaseDate (Actual)
Sprint-1	15	5 Days	24Oct2022	29Oct2022	15	29 Oct 2022
Sprint-2	15	5 Days	31 Oct 2022	05Nov 2022	15	05 Nov 2022
Sprint-3	15	5 Days	07 Nov 2022	12 Nov 2022	15	12 Nov 2022
Sprint-4	15	5 Days	14 Nov 2022	19 Nov 2022	15	16 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.