Project Planning Phase

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

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	Dataset reading and Pre processing	USN-1	Cleaning the dataset and splitting to dependent and independent variables	2	Medium	Akesh P Akash K
Sprint-2	Building the model	USN-2	Choosing the appropriate model for building and saving the model as pickle file	2	Medium	Hariharan P Arun Prasath A
Sprint-3	Application building	USN-3	Using flask deploying the ML model	2	Medium	Akesh P Hariharan P
Sprint-4	Train the model in IBM	USN-4	Finally train the model on IBM cloud and deploy the application	2	Medium	Arun Prasath A Akash K

Sprint Delivery Plan

Date	23 October 2022
Team ID	PNT2022TMID21029
Project Name	Project – Car resale value prediction
Maximum Marks	4 Marks

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	25 Oct 2022	30 Oct 2022	15	29 Oct 2022
Sprint-2	15	5 Days	01 Nov 2022	06 Nov 2022	15	05 Nov 2022
Sprint-3	15	5 Days	08 Nov 2022	13 Nov 2022	15	12 Nov 2022
Sprint-4	15	5 Days	14 Nov 2022	19 Nov 2022	15	19 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.