Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID01300
Project Name	Project - 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
Admin	Dataset collection	USN-1	Collect the required data for the Car resale prediction	2	High	Harish,Arun
	Data pre-processing	USN-2	Perform data cleaning to optimize the dataset	4	Medium	Arunraj,Yugandhar
	Training & Building Model	USN-3	Build the model using regression algorithms to classify the data	6	High	Harish,Arun
	Deploy the model	USN-4	Deployment of ML model using IBM Cloud	5	High	Arunraj,Yugandhar
	Integration	USN-5	Integrate the web app developed using flask with IBM model	5	High	Harish,Arun
Customer	Homepage	USN-6	Details about the application and the car resale process	2	Low	Arunraj, Harish
	Registration	USN-7	As a user, I can register for the application by entering my email, password, and confirming my password.	4	High	Arun,Yugandhar
	Confirmation	USN-8	As a user, I will receive confirmation email once I have registered for the application	4	High	Arunraj, Yugandhar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	Login	USN-9	As a user, I can log into the application by entering email & password	4	High	Arunraj, Yugandhar
	Dashboard	USN-10	As a user, I can add new cars and get access to insert and update their details	5	High	Harish,Arunraj
	Car Details	USN-11	As a user, I should give the car details like car model, engine and fuel type, etc…	2	Medium	Arunraj, Arun
	Car Price	USN-12	As a user, I can view the current rate of the used car price	5	High	Harish,Arun

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	12	6 Days	24 Oct 2022	29 Oct 2022	12	29 Oct 2022
Sprint-2	12	6 Days	31 Oct 2022	05 Nov 2022	12	05 Nov 2022
Sprint-3	12	6 Days	07 Nov 2022	12 Nov 2022	12	12 Nov 2022
Sprint-4	12	6 Days	14 Nov 2022	19 Nov 2022	12	19 Nov 2022

Velocity:

$$AV = \frac{sprint\ duration}{velocity} = \frac{12}{6} = 2$$

Burndown Chart: