Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID20203
Project Name	Car resale value prediction
Maximum Marks	8 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	Data Entry	USN-1	As a user, I can enter the car resale details in the application.	2	Medium	Kalaiselvi P
Sprint-1	Obtain output	USN-2	As a user, I will receive car resale cost in the application	1	High	Mary Shipani J
Sprint-1	Data Entry	USN-3	As a user, I can enter the car resale details in the application.	2	Medium	Shenbagalakshmi S

Sprint-1	Obtain output	USN-4	As a user, I will receive car resale cost in the application	2	High	Priyadharshini G
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	1	Low	Shenbagalakshmi S
Sprint-2	Dashboard	USN-6	As a user, I can log into the dashboard by entering username & password	2	High	Mary Shipani J
Sprint-3	Car resale value prediction	USN-7	As a user, I can access the car resale value prediction section	3	High	Kalaiselvi P
Sprint-3	Customer queries	USN-8	As a customer care Executive, I can check the customer queries they posted in the website.	2	High	Shenbagalakshmi S
Sprint-4	Maintaining website	USN-9	As an administrator, I can maintain website and enhance the online presence.	1	Medium	Priyadharshini G
Sprint-4		USN-10	As an administrator, I can maintain issues in analysing values.	1	Medium	Mary Shipani J
Sprint-3		USN-11	As an administrator, I can update the website content	2	High	Kalaiselvi P
Sprint-4		USN-12	As an administrator, I can improve the website	2	High	Priyadharshini G

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

Velocity:

Imagine we have a 6-day sprint duration, and the velocity of the team is 6 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day).

$$AV = \frac{sprint\ duration}{velocity} = 6/10 = 0.6$$

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.

BURNDOWN CHART