Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID32910
Project Name	Project – 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	Registration	USN-1	As a user, I can enter into the website with the help of the Google chrome browser in Windows	2	High	4
Sprint-1	Registration	USN-2	As a user, I can enter into the website through browser in Android	1	High	4
Sprint-1	Registration	USN-3	As a user, I can enter into the website through browser in ios	2	Medium	4
Sprint-1	Login	USN-4	As a user, I can find the car resale value prediction page in the website	1	High	4
Sprint-2	Home Page	USN-5	As a user, I need to select the parameters like Year, Showroom price, Kilometres driven, fuel type etc and click on the submit button	2	High	4
Sprint-3	Home Page	USN-6	As a user, I can see the accurate price for car resale after entering the details.	2	High	4
Sprint-4	Home Page	USN-7	As a user, If I done a mistake while providing the details , I can reset the details and click the submit button.	1	Low	4

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 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

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.