Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID05680
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

Release	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Details to be entered	USN-1	As a user, I can enter the year when i have purchased my car	2	High	Preethi.S
Sprint-1		USN-2	As a user, I can enter the showroom price, number of kilometres driven, number of previous car owners	5	High	Logasri.P
Sprint-3		USN-3	As a user, I can enter the fuel type, dealer, transmission type.	3	High	Pujhashree S.B
Sprint-3		USN-4	As a user, I can view the resale of the car	5	High	Preethi.S,Preethi.S
Sprint-3		USN-5	As a user, I must be able to save the details for future reference	1	Medium	Logasri.P
Sprint-2	UI/UX	USN-1	As a user, I can view all the elements without any visual disturbance	4	High	Preethi.S
Sprint-1	UI	USN-1	As a user, i must be able to view all the entering text boxes clearly.	3	High	Preethi.S
Sprint-3		USN-2	As a user, I can view the output clearly	3	High	Pujhashree.S.B
Sprint-2	Maintenance	USN-1	As a user, I must be able to contact the maintenance team whenever any issues arise.	3	Medium	Logasri.P
Sprint-2	Security	USN-1	The customer must not be able to view how the prediction is done	5	High	Preethi.S

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	7	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	12	31 Oct 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	12	07 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)

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

AV = 12/6 = 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.