Project Planning Phase

Date	06 November 2023
Team ID	592694
Project Name	Project-Car Purchase prediction
Maximum Marks	10 Marks

Team Member Name:

1. Kelvin J Anil.
2. Rishi Raj Upadhyaya.
3. Amish Ranjan.
4. Sutam Chandra.

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a customer, I can utilize a professional predictive system to assess my car affordability by inputting my key details, including my user ID, gender, annual income, and age.	8	High	SUTAM
Sprint-1		USN-2	As a customer, I want to have the ability to evaluate my capacity to afford a car.	8	High	Kelvin J Anil
Sprint-2		USN-3	As a customer, I am able to enter the inputs in a very friendly website.	4	Low	Amish Ranjan

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	5	6 Days	16 Oct 2023	21 Oct 2023	20	21 Oct 2023
Sprint-2	6	6 Days	22 Oct 2023	27 Nov 2023		
Sprint-3	7	6 Days	28 Nov 2023	03 Nov 2023		
Sprint-4	2	6 Days	04 Nov 2023	09 Nov 2023		

Velocity:

Imagine we have a 24-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 =24/20=1.2