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)

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 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.	2	High	SUTAM
Sprint-1		USN-2	As a customer, I want to have the ability to evaluate my capacity to afford a car.	1	High	Kelvin J Anil
Sprint-2		USN-3	As a customer, I am able to enter the inputs in a very friendly website.	2	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

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts