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

Date	18 October 2022
Team ID	Team-592817
Project Name	Car purchase prediction using ML
Maximum Marks	8 Marks

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	Landing Page	USN-1	As a user, I will see this page as soon as I open the website	2	High	Hemant Modi, Shreyas Immidi
Sprint-1	Landing Page form	USN-2	As a user, I will fill in the details to get the response	2	High	
Sprint-2	Result Page	USN-3	As a user, I will be redirected to the result page where I will get my responses I filled in the form	2	Medium	

Sprint-2	Routing using Flask	USN-4	As a user, I will be redirected to various links using this.	2	High	
Sprint-3	Training the Model	USN-5	As a user, I will get responses based on the model trained.	1	High	
Sprint-3	Dumping and embedding model using Flask on website	USN-6	As a user, I will be able to use the dumped model and this will take less time in comparison to live training of the model and will get my response of the car sale prediction.	2	High	

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	20 Nov2023	21 Nov 2023	20	21 Nov 2023
Sprint-2	20	6 Days	21 Nov2023	22 Nov 2023	20	22 Nov 2023
Sprint-3	20	6 Days	22 Nov 2023	22 Nov 2023	20	22 Nov 2023

Velocity:

We have a 2-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)

$$AV = Sprint\ Duration\ /\ Velocity$$
$$AV = 20/2 = 10$$

Burndown Chart:

A burndown 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.

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