Project Planning Phase

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

Date	18 October 2022
Team ID	Team - 592124
Project Name	Project - Online Shoppers intentions 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
Sprint-1	Display	USN-1	As a user, I want to...As a user, I want to be able to see the home page (home.html).	2	High
Sprint-1	Information	USN-2	As a user, I want to have an about page (about.html)	2	High
Sprint-1	Navigation	USN-3	As a user, I want to navigate between the home and about pages	2	Medium

Sprint-2	Form	USN-4	As a user, I want to have a page to make predictions (predict.html)	2	High
Sprint-2	Accessible	USN-5	As a user, I want to navigate to the prediction page.	2	High
Sprint-2	Placeholder	USN-6	As a user, I want to experience the beginning of Flask integration	2	High
Sprint-3	Operational input form	USN-7	As a user, I want to fill out a form on the prediction page	3	High
Sprint-3	Python Integration	USN-8	As a user, I want to experience the final Python code for integration.	3	High
Sprint-4	Performance	USN-9	As a user, I want to ensure the application runs smoothly and test it.	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	10 Nov 2023	11 Nov 2023	6	13 Nov
Sprint-2	20	6 Days	12 Nov 2023	14 Nov 2023	6	16 Nov
Sprint-3	20	6 Days	15 Nov 2023	18 Nov 2023	6	20 Nov
Sprint-4	20	6 Days	19 Nov 2023	20 Nov 2023	2	20 Nov

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)

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