Project Planning Phase

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

Date	30 October 2023
Team ID	NM2023TMID05812
Project Name	INDIAN FOOD EDA
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	Inventory Management	US001	As a restaurant owner, I want to track the stock of Eda	5	High	Sharafath Zulfiah
Sprint-1	Recipe Development	US002	As a user, I will receive confirmation email once I have registered for the application	8	High	Semila
Sprint-1	Ingredient Sourcing	US003	As a procurement manager, I want to ensure a steady supply of Eda ingredients	5	Medium	Semila
Sprint-2	Customer Ordering	US004	As a customer, I want to order Eda online for home delivery	8	High	Sneka
Sprint-2	Delivery Tracking	US005	As a delivery person, I want to track Eda orders and ensure timely delivery	5	Medium	Veeradharshini
Sprint-2	Data Collection	US006	Gather Indian Food dataset from the various sources	5	Low	Sneka
Sprint-3	Data collection 2	US007	A Preproccessor the selection and the handling missing values and the standardization	8	Medium	Sharafath Zulfiah
Sprint-3	Exploratory Data Analysis	US008	Collected the descriptive statistical analysis in the dataset	6	High	Veeradharshini
Sprint-3	Ingredient Analysis	US009	Investing the prevalence of the specific dishes aned cooking styles within the region	5	Low	Semila
Sprint-4	Popularity	US010	Analyze the popularity and ratings of Indian dishes through available metrics.	5	Low	Sharafath Zulfiah

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	35	14 Days	15-01-2023	28-01-2023	28	27-01-2023
Sprint-2	40	14 Days	05-02-2023	18-02-2023	36	17-02-2023
Sprint-3	45	14 Days	26-02-2023	11-03- 2023	44	10-03-2023
Sprint-4	38	14 Days	10-03-2023	02-04-2023	38	01-04-2023
Sprint-5	50	14 Days	10-04-2023	23-04-2023	50	22-04-2023
Sprint-5	23	14 Days	18-05-2023	12-06-2023	67	11-06-2023
Sprint-6	45	14 Days	20-06-2023	23-08-2023	22	22-08-2023
Sprint-7	76	14 Days	15-09-2023	7-10-2023	36	6-10-2023
Sprint-8	90	14 Days	08-10-2023	23-10-2023	10	22-10-2023

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)

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

Burndown Chart:

A burn-down chart is a visual tool that provides a graphical representation of the work remaining to be done over a specific period of time. It is frequently utilized in agile software development methodologies, like Scrum, but it can also be applied to any project where progress can be measured over time.