Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18 October 2022
Team ID	PNT2022TMID15536
Project Name	Nutrition Assistant Application
Maximum Marks	8 Marks

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	User Panel	USN-1	The user will login into the web application to load an image.	20	High	KAAVIYA A MOUNIKA A RAGULRAJ D SANDHIYA L
Sprint-2	Admin panel	USN-2	The role of the admin is to pass the image to the server application, which uses clarifai's AI-Driven Food Detection Model Service to analyze the image and nutrition API to provide nutrition information.	20	High	KAAVIYA A MOUNIKA A RAGULRAJ D SANDHIYA L
Sprint-3	Nutrition API	USN-3	This Nutrition API provide the nutritional information about the analyzed image.	20	High	KAAVIYA A MOUNIKA A RAGULRAJ D SANDHIYA L
Sprint-4	final delivery	USN-4	Nutritional information of the analyzed image is returned to the app for display.	20	High	KAAVIYA A MOUNIKA A RAGULRAJ D SANDHIYA L

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	24 Oct 2022	29 Oct 2022		29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		19 Nov 2022

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:

Delivery Planning