Project Planning Phase

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

Date	3 NOVEMBER 2022
Team ID	PNT2022TMID42524
Project Name	Nutrition Assistant Application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create a 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 user, I can register for the application by entering the username, password, and confirming my password.	10	High	2
Sprint-1		USN-2	As a user, I will enter all health-related details which are asked.	10	High	2
Sprint-2	Login	USN-3	As a user, I can log into the application by entering the username and password.	20	High	1
Sprint-3	Image uploading page	USN-4	As a user, I can upload the image either by choosing the file from my device or dragging and dropping the image from my device.	20	High	2
Sprint-4	Nutritional Page	USN-5	As a user, I can view the nutritional value of given input image of food.	10	High	3

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4		USN-6	As a user, I can get the suggestion from the application based on my heath details.	10	Medium	2

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	28 Oct 2022	02 Nov 2022	20	03 Nov 2022
Sprint-2	20	6 Days	03 Nov 2022	08 Nov 2022	20	08 Nov 2022
Sprint-3	20	6 Days	08 Nov 2022	13 Nov 2022	20	13 Nov 2022
Sprint-4	20	6 Days	14Nov 2022	19 Nov 2022	20	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)

$$AV = \frac{sprint\ duration}{velocity}$$

= 20/5 =4.0

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software developmen t methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.