

Project Planning Phase

Sprint Delivery Plan

Team ID	PNT2022TMID02338
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts.

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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Harini G Kirthika K Jeevitha GK Keerthana A
Sprint-1		USN-2	As a user, I can register for the application through gmail, linkedin	1	High	Harini G Kirthika K Jeevitha GK Keerthana A
Sprint-2	Login	USN-2	As a user, I can login by using valid user name and password.	2	High	Harini G Kirthika K Jeevitha GK

						Keerthana A
Sprint-3	Dashboard	USN-3	As a user,I can view the garbage storage level.	2	Medium	Harini G Kirthika K Jeevitha GK Keerthana A

Sprint-4	Blynk-App	USN-4	Blynk Server is responsible for all the communications between the smartphone and hardware.	2	High	Harini G Kirthika K Jeevitha GK Keerthana A
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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	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 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)

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