

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

Date	25 October 2022
Team ID	PNT2022TMID14661
Project Name	AI-Powered Nutrition Analyser for Fitness Enthusiasts
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	Pre-requisites for Model Building	USN-1	As a developer I have to collect different type of data possible and other data supporting the model	3	High	Jino Rohit Pranav RR
Sprint-1	Model Building	USN-2	Development of the model with the prepared data set	4	High	Jino Rohit Sharat.N
Sprint-2	Home page	USN-3	As a user I can land into the main page of the website	3	High	Pranav RR Sharat.N
Sprint-2	Image page	USN-4	As a user I can upload the image of the food item	3	High	Pranav RR Siddharth S
Sprint-2	Image prediction page	USN-5	As a user I can view the nutritional facts of the food image uploaded.	3	High	Jino Rohit Sharat N

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Registration	USN-6	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Pranav RR Sharat.N
Sprint-3	Login	USN-7	As a user, I can log into the application by entering email & password	1	High	Pranav RR Sharat.N
Sprint-3	Logout	USN-8	As a user, I can logout of the application	1	High	Jino Rohit Sharat.N
Sprint-4	Dashboard	USN-9	As a user, I can view my daily intake nutrition facts	2	Medium	Jino Rohit Siddharth S
Sprint-4	Profile	USN-10	As a user, I can view and update my Profile	2	Medium	Pranav RR Sharat.N
Sprint-4	Dashboard	USN-11	As an administrator, I can view and manage users, contents and everything	1	Medium	Pranav RR Siddharth S
Sprint-4	Feedback page	USN-12	As a user, I can give feedback about the pages and details	1	Low	Jino Rohit Sharat.N
Sprint-4	Registration	USN-13	As a user, I can register for the application through Gmail	1	Medium	Pranav RR Siddharth S

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	23	6 Days	24 Oct 2022	29 Oct 2022	7	30 Oct 2022
Sprint-2	23	6 Days	31 Oct 2022	05 Nov 2022	16	10 Nov 2022

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-3	23	6 Days	07 Nov 2022	12 Nov 2022	20	15 Nov 2022
Sprint-4	23	6 Days	14 Nov 2022	19 Nov 2022	27	20 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)

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

$$AV=24/6=4$$

Burndown Chart:

Burn Chart

