

Project Planning Phase

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

Date	23 November 2022
Team ID	PNT2022TMID29934
Project Name	AI-POWERED NUTRITION ANALYZER FOR FITNESS ENTHUSIASTS
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	Templates	USN-1	As a user, I can register for the application by entering my username, email, password.	6	High	TAMILVIZHI S PRIYADHARSHINI M PAVITHRA S SINDHUJA MN
Sprint-1	base.html	USN-2	As a user,I will receive the OTP once I registered for the application.	6	High	TAMILVIZHI S PRIYADHARSHINI M PAVITHRA S SINDHUJA MN
Sprint-1	index.html	USN-3	As a user,I can enter the valid OTP,then only I can view the login page.	4	Medium	TAMILVIZHI S PRIYADHARSHINI M PAVITHRA S SINDHUJA MN
Sprint-1	app.py	USN-4	As a user, I can log into the application by entering username & password	4	Medium	TAMILVIZHI S PRIYADHARSHINI M PAVITHRA S SINDHUJA MN
Sprint-2	Upload.html	USN-5	As a user,I can view the dashboard .	10	High	TAMILVIZHI S PRIYADHARSHINI M PAVITHRA S SINDHUJA MN
Sprint-2	Base.html	USN-6	As a user, I can add my financial status	5	High	TAMILVIZHI S PRIYADHARSHINI M PAVITHRA S SINDHUJA MN

Sprint-2	Index.html	USN-7	As a user, I can update by daily expenditure	5	High	TAMILVIZHI S PRIYADHARSHINI M PAVITHRA S SINDHUJA MN
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Sprint-3	template	USN-8	As a admin ,I can manage the user details.	8	High	TAMILVIZHI S PRIYADHARSHINI M PAVITHRA S SINDHUJA MN
Sprint-3	image.jpg	USN-9	As a user, I will receive the notifications whenmy expense crosses the limit.	8	High	TAMILVIZHI S PRIYADHARSHINI M PAVITHRA S SINDHUJA MN
Sprint-3	Nutrition.h5	USN-10	As a user, I can track the history of expensesmade.	4	Mediu m	TAMILVIZHI S PRIYADHARSHINI M PAVITHRA S SINDHUJA MN
Sprint-4	template	USN-11	As a premium user, I can avail the Smart Investment feature	10	High	TAMILVIZHI S PRIYADHARSHINI M PAVITHRA S SINDHUJA MN
Sprint-4	Image.jpg	USN-12	As a user, I can visualize my history of expenses.	10	High	TAMILVIZHI S PRIYADHARSHINI M PAVITHRA S SINDHUJA MN

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	16 Nov 2022	22 NOV 2022	20	19 Nov 2022
Sprint-2	20	6 Days	29 Oct 2022	05 Nov 2022	20	19 Nov 2022
Sprint-3	20	6 Days	06 Nov 2022	12 Nov 2022	20	19 Nov 2022
Sprint-4	20	6 Days	13 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)

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