

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID32256
Project Name	Nutrition Assistant Application
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	Jayakumar KK , Vaishnavi S
		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	Medium	Jayakumar KK , Hariharan N
Sprint-2		USN-3	As a user, I can register for the application through Facebook	3	Low	Jayakumar KK , Kowsik G
		USN-4	As a user, I can register for the application through Gmail	3	Low	Vaishnavi S, Kowsik G
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	5	High	Jayakumar KK
	Dashboard (Home)	USN-6	As a user, I can check body details and BMI by adding body details.	3	High	Vaishnavi S
Sprint-2		USN-7	As a user, Chatbot can route where they want to go and gives tips for health.	2	Medium	Hariharan N
	Dashboard (Health)	USN-8	As a user, System shows the prediction and Body health detail.	5	Medium	Jayakumar KK , Kowsik G
Sprint-3	Dashboard (Accessory)	USN-9	As a user, I can take photos and identify the nutritional information about the food.	5	High	Jayakumar KK , Vaishnavi S
		USN-10	As a user, I can track Sleep and menstruation	3	Medium	Jayakumar KK , Hariharan N
	Dashboard (Health)	USN-11	As a user, I can easily track my calories	5	High	Jayakumar KK , Kowsik G

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	About	USN-12	As a user, I can view the Frequently Asked Questions (FAQ).	2	Low	Jayakumar KK
	Dashboard	USN-13	As a user, I get customer support and extra features from accessory.	3	Medium	Jayakumar KK , Vaishnavi S , Hariharan N , Kowsik G
	User control	USN-14	As a admin, I can control user create, update and delete.	5	High	Vaishnavi S , Hariharan N
	Review	USN-15	As an admin, I must make the reviews appear on the company's profile	2	Medium	Jayakumar KK , Hariharan N

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	16	6 Days	24 Oct 2022	29 Oct 2022		29 Oct 2022
Sprint-2	13	6 Days	31 Oct 2022	05 Nov 2022		05 Nov 2022
Sprint-3	13	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	12	6 Days	14 Nov 2022	19 Nov 2022		19 Nov 2022

Velocity:

Sprint-1

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{16}{6} = 2.67$$

Sprint-2 and Sprint-3

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{13}{6} = 2.17$$

Sprint-4

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{12}{6} = 2$$

Total Average Velocity

$$\frac{9.01}{4} = 2.25$$