

PROJECT PLANNING PHASE

PROJECT PLANNING TEMPLATE (PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORY POINTS)

DATE	18 October 2022
TEAM ID	PNT2022TMID15581
PROJECT NAME	Nutrition assistant application
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	prerequisites formodel building	USN-0	As a developer I must collect the different type of data possible and other data supporting the model	2	High	Vignesh C Shaik Arshiya
Sprint-1	Registration	USN-1	As a user, I can register for the application byentering my email, password, and confirming my password.	2	High	Praveen P C Vignesh C
Sprint-1		USN-2	As a user, I will receive confirmation email onceI have registered for the application	1	High	Vignesh C Shaik Arshiya
Sprint-1	Gmail Registration	USN-3	As a user, I can register for the application through Gmail	2	Low	Jagabathi Babu Shaik Arshiya
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	Vignesh C Jagabathi Babu

Sprint-2	Suggestion	USN-5	As a user now I can make recommendations such as nutrition plans, diet plans etc..	1	Low	Praveen P C Shaik Arshiya
Sprint-2	Model building	USN-6	Development of the model with the Prepared data	2	High	Vignesh C Jagabathi Babu
Sprint-2	Main interface	USN-7	As a user i can view my calories by uploading the photo of the food that I want to eat	2	High	Praveen P C Shaik Arshiya

Sprint-3	Diet plan for freeusers	USN-9	As a dietician I provide a diet plan for the betterment of the user	2	Medium	Vignesh C Praveen P C
Sprint-3	Diet plans for Premium users	USN-10	As a premium user, I can choose to follow the diet plan based on my food habits	1	Medium	Shaik Arshiya Vignesh C
Sprint-3	User image analysis	USN-11	As a user, I can track my calories intake and know about my food in detail	2	High	Vignesh C Jagabathi Babu
Sprint-3	Improve the efficiency of AI model	USN-12	As a developer, I can give the better model that analyze the food and provide the accurate result	2	Medium	Praveen P C Jagabathi Babu
Sprint-3	User analysis record	USN-13	As a user, I can check the records of the food habits	1	Medium	Jagabathi Babu Vignesh C
Sprint-4	Diet tips and basic plan	USN-14	As a user now I can make recommendations such as nutrition plans, diet plans etc..	1	Medium	Shaik Arshiya Jagabathi Babu
Sprint-4	Payment	USN-15	Develop the payment gateway options for premium users	2	High	Praveen P C Jagabathi

						Babu
Sprint-4	Dashboard	UNS-16	The details will provided via nutrition AP	2	High	Praveen P C Shaik Arshiya

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	4 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	11 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	18 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).

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

BURNDOWN CHART:

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