

Project Planning Phase

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

Date	20 October 2022
Team ID	PNT2022TMID48368
Project Name	Project – 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	NIVETHA
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	GOWSALYA
Sprint-1		USN-3	As a user, I can register for the application through Facebook	1	Low	SRIVIDHYA
Sprint-1		USN-4	As a user, I can register for the application through Gmail	1	Medium	ASWINIDEVI
Sprint-1		USN-5	As a user, I can log into the application by entering email & password	5	High	NIVETHA
Sprint-1		USN-6	As a user, I can calculate BMI, calculate calories in my food, calculate water consumption	8	High	GOWSALYA
Sprint-2	Admin	USN-1	As a admin, I can provide unique id password to the user	13	High	SRIVIDHYA

Sprint-2		USN-2	As a admin I can reset the password by this option in case I forgot my old password	5	High	ASWINIDEVI
Sprint-2	Chatbot	USN-3	As a user I can ask diet based queries using chatbot	2	Medium	NIVETHA
Sprint-3	Image Recognition		As a user, I can upload my food image and see the ingredients of the food and nutritional details of food in the homepage	20	high	SRIVIDHYA
Sprint-4	Final delivery		Containerize the application by using Docker and deploy it to the IBM Cloud Kubernetes Service	20	High	GOWSALYA

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		29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		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)

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

BURNDOWN CHART:

		OCT								NOV						NOV						NOV							
		23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Sprints		NAA Sprint 1, NAA Sprint 1								NAA Sprint 2						NAA Sprint 3, NAA Sprint 3						NAA Sprint 4							
▼ <u>NAA-16 Registration(user)</u>																													
NAA-6 As a user,I can up... REVIEW GOWSALYA...																													
NAA-5 As a user,I can... IN PROGRESS NIVETHA																													
NAA-2 As a user, I... IN PROGRESS GOWSALYA...																													
NAA-3 As a user, I ca... IN PROGRESS SRIVIDHYA																													
NAA-4 As a user, I ca... IN PROGRESS ASWINI R...																													
NAA-1 As a user, I can... IN PROGRESS NIVETHA																													
▼ <u>NAA-19 admin</u>																													
NAA-27 As a admin ,I c... IN PROGRESS NIVETHA																													
NAA-25 As a admin, I... IN PROGRESS SRIVIDHYA																													
NAA-26 As a admin I... IN PROGRESS ASWINI R...																													
▼ <u>NAA-24 Chatbot</u>																													
NAA-23 As a user, I can as... REVIEW SRIVIDHYA																													
NAA-29 As a user, I C... IN PROGRESS SRIVIDHYA																													
▼ <u>NAA-20 final delivery</u>																													
NAA-28 Containeriz... IN PROGRESS GOWSALYA...																													