# **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 1 through Facebook		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 upload my food image and see the ingredients of the food and nutritional details of food in the homepage	8	High	GOWSALYA
Sprint-2	Admin	USN-1	As a admin, I can provide unique id password to the user	7	High	SRIVIDHYA
Sprint-2	2 USN-2 As a admin I can reset the password by this option in case I forgot my old password				High	ASWINIDEVI

Sprint-2		USN-3	As a admin ,I can give the information of the nutritional detail	5	Medium	NIVETHA
Comint 2	Chathat			20	h: ala	CDIVIDLIVA
Sprint-3	Chatbot		As a user, I can ask some diet based queries by	20	high	SRIVIDHYA
			using the chatbot			
Sprint-4	Final delivery		Containerize the application by using Docker	20	High	
			and deploy it to the IBM Cloud Kubernetes			GOWSALYA
			Service			

# 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)

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

#### **BURNDOWN CHART:**

				С	CT					NOV						N	OV					NC	V	
	23	24	25 2	6 2	27 28	29	30	31	1 2	3	4	5	6	7	8	9 1	0 1	11 12	13	14	15	16 1	7 18	19
Sprints		NAA Sprint 1, NAA Sprint 1			NAA Sprint 2				NAA Sprint 3, NAA Sprint 3					NAA Sprint 4										
∨ ✓ NAA-16 Registration(user)																								
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																								
∨ ▶ NAA-19 admin																								
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																								
NAA-24 Chatbot																								
NAA-23 As a user, I can as REVIEW SRIVIDHYA																								
NAA-29 As a user, I c IN PROGRESS SRIVIDHYA																								
∨ • NAA-20 final delivery																								
■ NAA-28 Containeriz IN PROGRESS GOWSALYA																								