

## 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 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		USN-2	As a admin I can reset the password by this option in case I forgot my old password	8	High	ASWINIDEVI

Sprint-2		USN-3	As a admin ,I can give the information of the nutritional detail	5	Medium	NIVETHA
Sprint-3	Chatbot		As a user, I can ask some diet based queries by using the chatbot	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)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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:



