

**Project Planning Phase**  
**Project Planning (Product Backlog, Sprint Planning, Stories, Story points)**

Date	28 October 2022
Team ID	PNT2022TMID32587
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	User Panel	USN-1	The user will login into the website and go through the products available on the website.	2	High	Aishvariyaa B B Maha Lakshmi P Kiruthika J Almaas T Gokul K V
Sprint-2	Admin Panel	USN-2	The role of the admin is to check out the database about the stock and have a track of all the things that the users are purchasing.	2	High	Aishvariyaa B B Maha Lakshmi P Kiruthika J Almaas T Gokul K V
Sprint-3	Chat Bot	USN-3	The user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the user.	2	High	Aishvariyaa B B Maha Lakshmi P Kiruthika J Almaas T Gokul K V
Sprint-4	Final Delivery	USN-4	Container of applications using docker Kubernetes and develop the application. Create the documentation and final submit the application.	2	High	Aishvariyaa B B Maha Lakshmi P Kiruthika J Almaas T Gokul K V

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

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