

Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMID16296
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 name, gender, age, email, password and confirming my password.	1	High	Ravindran
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Pranav Raja
Sprint-1	Profile Updation	USN-3	As a user, I have to enter my height, weight and daily activity details	2	High	Sanjai
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	2	High	Vijaya Manikandan
Sprint-2	Dashboard	USN-5	As a user, I can upload image of the meal	3	High	Ravindran
Sprint-2		USN-6	As a user, I can track my daily calorie intake	3	Medium	Pranav Raja
Sprint-3	Database	USN-7	Connection to the database for maintaining the user details	5	Medium	Sanjai
Sprint-4	API Integration	USN-8	As a user, I can get nutritional value of the uploaded meal image	3	High	Vijaya Manikandan
Sprint-4	Containerizing	USN-9	Containerizing the application	3	High	Ravindran Pranav Raja Sanjai Vijaya Manikandan

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	6	6 Days	24 Oct 2022	29 Oct 2022	6	29 Oct 2022
Sprint-2	6	6 Days	31 Oct 2022	05 Nov 2022	6	05 Nov 2022
Sprint-3	5	6 Days	07 Nov 2022	12 Nov 2022	5	12 Nov 2022
Sprint-4	6	6 Days	14 Nov 2022	19 Nov 2022	6	19 Nov 2022

Velocity:

We have a 6-day sprint duration, and the velocity of the team is 6 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$\begin{aligned} AV &= \frac{\text{Sprint duration}}{\text{Velocity}} \\ &= \frac{6}{6} \\ &= 1 \end{aligned}$$