

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID22530
Project Name	Project – 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	Registration	USN-1	As a user, I can register for the application by entering my name, Phone.no/email ID, password.	10	High	Dinesh Kumar K S Tejas Kamalakar Lakeshri Metha Nirmal N Vignesh V
Sprint-1	Login	USN-2	As a user, I can Log in to the application using my user account credentials	10	High	Dinesh Kumar K S Tejas Kamalakar Lakeshri Metha Nirmal N Vignesh V
Sprint-2	Providing the User information	USN-3	As a user, I provide the information needed for the application.	10	Medium	Dinesh Kumar K S Tejas Kamalakar Lakeshri Metha Nirmal N Vignesh V
Sprint-2	Uploading the food's image	USN-4	As a User, I will upload the image of the food that wants to be analysed	10	High	Dinesh Kumar K S Tejas Kamalakar Lakeshri Metha Nirmal N Vignesh V

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Analysing image	USN-5	As an admin, I will provide the algorithm for processing the food's image.	10	High	Dinesh Kumar K S Tejas Kamalakar Lakeshri Metha Nirmal N Vignesh V
Sprint-3	Storing details in cloud	USN-6	As an admin, I will store the results in the cloud containers.	10	High	Dinesh Kumar K S Tejas Kamalakar Lakeshri Metha Nirmal N Vignesh V
Sprint-4	Displaying Output	USN-7	As an admin, I will provide the analysed results of the uploaded food's image.	20	High	Dinesh Kumar K S Tejas Kamalakar Lakeshri Metha Nirmal N Vignesh V

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

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