

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID10915
Project Name	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	Rudrahari SanthoshRaaj
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Rudrahari Sharvesh
Sprint-1		USN-3	As a user, I can register for the application through Facebook	1	Low	Sharvesh Ragul
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Rudrahari Ragul
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	3	High	SanthoshRaaj Sharvesh
Sprint-2	Dashboard	USN-6	As a user, I can navigate through the dashboard.	3	High	Sharvesh Ragul
Sprint-2	Forgot Password	USN-7	As a user, I can reset my password using my Gmail.	3	High	Rudrahari SanthoshRaaj
Sprint-3	Upload Image	USN-8	As a user, I can upload image in the application.	3	High	Rudrahari Ragul
Sprint-3	View Food Information	USN-9	As a user, after uploading the image the application should redirect to this page.	3	High	Sharvesh Ragul

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	View History of items	USN-10	As a user, I can be able to view history of items.	1	Low	Rudrahari SanthoshRaaj
Sprint-4	Registration	USN-11	As a user, I can register for the application	2	Medium	Sharvesh Ragul
Sprint-4	Login	USN-12	As a user, I can log into the application.	2	Medium	Rudrahari Ragul
Sprint-4	Dashboard	USN-13	As a user, I can navigate through the dashboard.	2	Medium	Rudrahari SanthoshRaaj

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	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
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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)

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

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

