

Project Planning Phase

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

Date	5 November 2022
Team ID	PNT2022TMID02649
Project Name	Project –Nutrition Assistant Application
Maximum Marks	8 Marks

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	23 Oct 2022	28 Oct 2022		
Sprint-2	20	6 Days	30 Oct 2022	04 Nov 2022		
Sprint-3	20	6 Days	06 Nov 2022	11 Nov 2022		
Sprint-4	20	6 Days	13 Nov 2022	18 Nov 2022		

Product Backlog, Sprint Schedule, and Estimation (4 Marks):

Sprint	Functional Requirements	User Story Number	User Story	Story Point	Priority	Team Members
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Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, and password, and confirming my password.	2	High	Sunilkumar S
Sprint-1		USN-2	As a user, I will receive a confirmation email once I have registered for the application	2	High	Srinivas s
Sprint-1		USN-3	As a user, I can register for the application through Gmail	1	Medium	Pavankumar chv
Sprint-1	Login	USN-4	As a user, I can log into the application by entering my email & password	1	High	Parthasarathy S
Sprint-2	Data Collection	USN-5	As a user, I can add my health details	1	Medium	Sunilkumar S
Sprint-3	Dashboard	USN-6	As a user, I can upload or capture a live image of the meal	2	High	Srinivas s
Sprint-3		USN-7	As a user, I can track my daily calorie intake	1	Medium	Srinivas S,Parthasarathy S
Sprint-4	Maintain The Application	USN-8	Maintaining detail for the user	1	High	Srinivas S,Sunilkumar S

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:

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.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>