

Project Planning Phase

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

Date	27 October 2023
Team ID	Team - 591097
Project Name	Snack Squad
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 email, password, and confirming my password.	2	High	2
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	2
Sprint-2	Registration	USN-4	As a user, I can register for the application through Gmail	2	Low	1
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	1
Sprint-2	Dashboard	USN-6	As a user, I can easily order food from the app	4	High	3
Sprint-3	Administrator	USN-7	I can add and modify items in the database	2	Medium	2
Sprint-4	Customer Care	USN-8	I can easily call helpline number and resolve all my issues	2	Medium	4

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	5	6 Days	18 Oct 2023	23 Oct 2023	5	23 Oct 2023
Sprint-2	6	6 Days	24 Oct 2023	29 Oct 2023	6	29 Oct 2023
Sprint-3	2	4 Days	30 Oct 2023	2 Nov 2023	2	2 Nov 2023
Sprint-4	2	4 Days	3 Nov 2023	6 Nov 2023	2	6 Nov 2023

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)

Sprint Duration = **6**

Velocity = **5**

$$\text{Average Velocity} = \frac{\text{sprint duration}}{\text{velocity}} = \frac{6}{5} = 1.2$$