

Project Planning Phase

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

Date	18 October 2022
Team ID	Team-590988
Project Name	Project – Snack Squad: A Customizable Snack Ordering and Delivery App
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 mobile number, email, password, and confirming my password.	9	High	Jyotish
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	4	Medium	Harshini
Sprint-2		USN-3	As a user, I can register for the application through google, Facebook	2	Low	Yamini
Sprint-1		USN-4	As a user, I can use more secure payment options for safety	9	High	Jyotish
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	7	High	Harshini
Sprint-2	Dashboard	USN-6	As a user, I can log into the app with save information	5	Medium	Deepak
Sprint-1		USN-7	As a user, I want history of my order and account details as my account section	9	High	Yamini
Sprint-2		USN-8	As a user, I want the app to verify my OTP automatically	8	High	Deepak

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	49	8 Days	24 Oct 2023	31 Oct 2023	49	31 Oct 2023
Sprint-2	28	5 Days	01 Nov 2023	05 Nov 2023	28	05 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)

$$AV=49/8=6.125$$

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.

