

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID27274
Project Name	Customer Care Registry
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.	2	High	Poovizhi P
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Malini V
Sprint-1		USN-3	As a user, I can register for the application through Gmail	2	Low	Aishwarya B
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password	2	Medium	Akula Haritha
Sprint-2	Dashboard	USN-5	As a user, I can see the issues/tickets raised by me and I can raise a new issues/tickets	2	High	Aishwarya B
Sprint-2		USN-6	As a user, I can raise a new issues/tickets with detailed descriptions of the issue	2	High	Poovizhi P
Sprint-3		USN-7	As a user, I can see the admin assigned an agent to the issue/ticket raised by me	1	Low	Malini V
Sprint-3	Notification	USN-8	As a user, I can receive an email notification alert once an agent is assigned to the issue	2	Medium	Aishwarya B
Sprint-3		USN-9	As a user, I can see the live status of the issues/tickets raised by me	1	Medium	Poovizhi P
Sprint-4	Chat	USN-10	As a user, I can chat with an agent more about the issue and I can get detailed explanation of the issue status	2	High	Akula Haritha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Graph	USN-11	As a user, I can get the detailed visual graphs based on the past issues	2	Medium	Malini V
Sprint-4		USN-12	As a user, I can modify the active issues raised by me	2	Medium	Akula Haritha

#### 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	10	07 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	10	07 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	10	14 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)

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

### 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.

