

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

Date	18 October 2022
Team ID	PNT2022TMID06760
Project Name	Project – Customer Care Registry
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.	5	High	Srinivasan Ranjithkumar
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	Medium	Srinivasan Suganeshwaran
Sprint-4		USN-3	As a user, I can register for the application through Mobile Number	3	Medium	Srinivasan Thirukumaran
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	3	High	Srinivasan Ranjithkumar
Sprint-2	Dashboard	USN-5	As a user, I can see the available features of the application	2	High	Srinivasan Suganeshwaran
Sprint-2	Complaint Registration	USN-6	As a customer, I can give my complaint details	5	High	Srinivasan Thirukumaran
Sprint-2	Complaint Status	USN-7	As a customer, I can see the status of the complaint	3	High	Srinivasan Ranjithkumar
Sprint-3	Admin Login	USN-8	As an admin, I can log in to the application so that I can see the complaint details	5	High	Srinivasan Suganeshwaran

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Agent Allocation	USN-9	As an admin, I can allocate agents and assign complaints to the agents	5	High	Srinivasan Thirukumaran
Sprint-4	Solution	USN-10	As an agent, I can give the solution to the assigned complaints	5	High	Srinivasan Ranjithkumar
Sprint-4	Feedback	USN-11	As a customer, I can give my feedback according to the solution that I get	2	Low	Srinivasan Suganeshwaran

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	10	6 Days	24 Oct 2022	29 Oct 2022	10	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022	10	12 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022	10	19 Nov 2022

Velocity:

Imagine we have a 6-day sprint duration, and the velocity of the team is 10 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{10}{6} = 1.67$$

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>

Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

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