

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

Date	05 November 2022
Team ID	PNT2022TMID13254
Project Name	Customer Care Registry

Product Backlog, Sprint Schedule, and Estimation

Sprint	User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Team Members
Sprint-1	Customer (Web User)	Registration	USN-1	As a customer, I can register for the application by entering my email, password, and confirming my password.	High	S.Esvarpandian
Sprint-1		Login	USN-2	As a customer, I can login to the application by entering correct email and password	High	R.Manojkumar
Sprint-1		Dashboard	USN-3	As a customer, I can see all the tickets raised by me and lot more	High	V.Koushik
Sprint-2		Ticket creation	USN-4	As a customer, I can create a new ticket with the detailed description of my query	High	K.Manikandan
Sprint-3		Address Column	USN-5	As a customer, I can have conversations with the assigned agent and get my queries clarified	High	S.Esvarapandian
Sprint-4		Forgot password	USN-6	As a customer, I can reset my password by this option in case I forgot my old password	Medium	R.Manojkumar
Sprint-4		Ticket details	USN-7	As a customer, I can see the current status of my tickets	Medium	V.Koushik

Sprint	User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Team Members
Sprint-3	Agent (Web user)	Login	USN-1	As an agent, I can login to the application by entering correct email and password	High	K.Manikandan
Sprint-3		Dashboard	USN-2	As an agent, I can see all the tickets assigned to me by the admin	High	S.Esvarapandian
Sprint-3		Address Column	USN-3	As an agent, I get to have conversations with the customer and clear his/her queries	High	R.Manojkumar
Sprint-4		Forgot password	USN-4	As an agent, I can reset my password by this option in case I forgot my old password	Medium	V.Koushik
Sprint-1	Admin (Web user)	Login	USN-1	As an admin, I can login to the application by entering correct email and password	High	K.Manikandan
Sprint-1		Dashboard	USN-2	As an admin, I can see all the tickets raised in the entire system and lot more	High	S.Esvarapandian
Sprint-2		Agent creation	USN-3	As an admin, I can create an agent for clarifying the customer's queries	High	R.Manojkumar
Sprint-2		Assigning agent	USN-4	As an admin, I can assign an agent for each ticket created by the customer	High	K.Manikandan
Sprint-4		Forgot password	USN-4	As an admin, I can reset my password by this option in case I forgot my old password	Medium	V.Koushik

Project Tracker, Velocity & Burndown Chart:

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	7	6 Days	31 Oct 2022	05 Nov 2022	7	05 Nov 2022
Sprint-3	11	6 Days	07 Nov 2022	12 Nov 2022	11	12 Nov 2022
Sprint-4	8	6 Days	14 Nov 2022	19 Nov 2022	8	19 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

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

iteration unit (story points per day)

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.

