

Project Planning Phase

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

Date	22 November 2022
Team ID	PNT2022TMID30144
Project Name	Project – 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	The user will be able to login to the website and can use the services available on the web page.	2	High	Mohammed Anas Maheshkumar Harikrishnan
Sprint-2	Admin Panel	USN-2	As an admin, with the help of correct credentials dashboard can be accessed to create agents and assign agents to solve a query.	2	High	Gokul Vasanth
Sprint-3	Agent Panel	USN-3	The agent using their credentials, login and access dashboard to check the posted queries.	2	High	Maheshkumar Mohammad Anas
Sprint-4	Chat bot	USN-4	The chat bot is provided so that user can directly access the services offered by the web portal.	2	Medium	Mohammed Anas Harikrishnan Gokul Vasanth
Sprint-5	Final Delivery	USN-5	Container of applications using docker kubernetes and deployment the application. Create the documentation and final submit the application	2	High	

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		29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		09 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		10 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		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 iteration unit (story points per day)

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

Burndown Chart:

		OCT							OCT							OCT							NOV							NOV																						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Sprints																																																				
RS-1 CREATING REGISTER/LOGIN PAGE																																																				
RS-2 HOME PAGE OF CUSTOMER CARE REGISTRY																																																				
RS-3 CREATING AGENT LOOKUP PAGE																																																				
RS-4 CREATING DATABASE FOR AGENT AND CUSTOM...																																																				
RS-5 COMPLETING THE USER PANEL																																																				
RS-6 CREATING UI FOR ADMIN PANEL																																																				
RS-7 CREATING DATABASE CONNECTION FOR USER P...																																																				
RS-9 CREATING CHATBOT FOR APPLICATION																																																				
RS-10 ADDING FEATURES OF CHATBOT																																																				
RS-11 INTEGRATE CHATBOT WITH WEBSITE																																																				
RS-12 COMPLETING CHATBOT																																																				
RS-13 TESTING & DEBUGGING THE APPLICATION																																																				
RS-14 CONTAINERS THE APPLICATIONS																																																				
RS-15 DEPLOY THE APPLICATION																																																				