## PROJECT PLANNING

## **Product Backlog, Sprint Schedule, and Estimation**

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	User Panel	USN-1	The user will login into the website and gothrough the services available on the webpage	20	High	N Nagaraj T Puneeth KS Snehith G Gunapreeth
Sprint-2	Admin panel	USN-2	The role of the admin is to check out the database about the availability and have a trackof all the things that the users are going to service	20	High	G Gunapreeth T Puneeth
Sprint-3	Sprint-3 Chat Bot		The user can directly talk to Chatbot regarding the services. Get the recommendations based on information provided by the user.	20	High	N Nagaraj KS Snehith

Sprint-4	final delivery	USN-4	Container of applications using docker kubernetes and	20	High	N Nagaraj
			deployment the application.Create the documentation			T Puneeth
			and final submit the application			KS Snehith
						G Gunapreeth

## **Project Tracker, Velocity & Burndown Chart:**

Sprint	Total Story	Duration	Sprint Start Date	Sprint End Date	Story Points	Sprint Release Date
	Points			(Planned)	Completed (as on	( Actual )
					Planned End Date)	
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		05 Nov 2022

Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	12 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)

**BURNDOWN CHART** 

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

				OCT OCT 4 5 6 7 8 9 10 11 12 13 14 15 16																			NOV									NOV					
	2	3	4 5	- 6	7	8 9	10	11	12 13	14	15 1	€ 17	18	19	20 21	22	23	24 2	26	27	28 2	9 30	81	1 2	3	4 8	5 6	.7	8	9 10	11	12 13	14	15 16	17	8 19	29
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																				3																	
RS-9 CREATING CHATBOT FOR APPLICATION																																					
RS-10 ADDING FEATURES OF CHATBOT																																					
RS-11 INTEGRATE CHATBOT WITH WEBSITE																							F														
RS-12 COMPLETING CHATBOT																												.,									
RS-13 TESTING & DEBUGGING THE APPLICATION																													,								
RS-14 CONTAINERS THE APPLICATIONS																															1		1				
RS-15 DEPLOY THE APPLICATION																																					