## 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	S.Shwetha P.Banu priya S.Vaishnavi M.Nanthini S.Dhanalakshmi
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	S.Shwetha P.BanuPriya
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	S.Vaishnavi M.Nanthini

Sprint-4	final delivery	USN-4	Container of applications using docker kubernetes and deployment the application. Create the documentation and final submit the application	20	High	M.Nanthini P.Banu priya S.Vaishnavi S.Dhanalakshmi

## 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** 

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

	DCT																						OCT											TT.														NOV		
	[2]	3	4 5	- 6	7	8 9	10	11 1	13	14 15	16	17	18	19 20	21	22, 2	28 24	25	26 27	7 28	29 30	31	1	2 3	4	5 6	7	8	9 1	0 11	12 1	B 14	15 1	17	18 19	29 2														
Sprints																																																		
RS-1 CREATING REGISTER/LOGIN PAGE																																																		
S 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																			7																															
RS-9 CREATING CHATBOT FOR APPLICATION																				-																														
RS-10 ADDING FEATURES OF CHATBOT																				- 1																														
RS-11 INTEGRATE CHATBOT WITH WEBSITE																																																		
RS-12 COMPLETING CHATBOT																											100																							
RS-13 TESTING & DEBUGGING THE APPLICATION																																																		
RS-14 CONTAINERS THE APPLICATIONS																														1																				
RS-15 DEPLOY THE APPLICATION																																																		