Project Planning Phase Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	Requirement Number (Epic)		Story Points	Priority	Team Members
Sprint-1	User Panel	USN-1	The user will login into the website and go through the products available on the website	20	High	Nilash Magesh Gurumoorthy Aaditiya
Sprint-2	Admin panel	USN-2	The role of the admin is to check out the database about the stock and have a track of all the things that the users are purchasing.	20	High	Nilash Magesh Gurumoorthy Aaditiya
Sprint-3	Chat Bot	USN-3	The user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the user.	20	High	Nilash Magesh Gurumoorthy Aaditiya
Sprint-4	final delivery	USN-4	Container of applications using docker kubernets and deployment the application. Create the documentation and final submit the application	20	High	Nilash Magesh Gurumoorthy Aaditiya

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	20	29 Oct 2022			
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022			
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022			
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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)

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

Burndown Chart:

	24 25	5 26	OCT 27	28	29	30	31	1	2	NOV 3	4	5	6	7	8	9	NOV 10	11	12	13	14	15		NOV 17	18	19	20	21	22 2	23
Sprints		SFRA Sprint 1					SFRA Sprint 2					SFRA Sprint 3							SFRA Sprint 4											
SFRA-1 Creating Register/login page																														
SFRA-2 home page of e-commerce website																														
SFRA-3 Creating buying products page																														
SFRA-4 Creating Cart page																														
SFRA-5 Create Database For products and user det																														
SFRA-6 Completing the User panel																														
SFRA-7 Creating UI for Admin Panel						ļ																								
SFRA-8 Creating database connection for admin pa																														
SFRA-9 Completing the Admin panel																														
SFRA-10 Creating chatbot for application													ĺ																	
SFRA-11 Adding Features of Chatbot																														
SFRA-12 integrate ChatBot with Web site																														
SFRA-13 Completing Chatbot																		(
SFRA-14 Testing And Debugging The application																				ı										
SFRA-15 Container of applications																														
SFRA-16 deploy the application																														