Project Planning Phase

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

Date	29 October 2022
Team ID	PNT2022TMID18306
Project Name	Project -News Tracker Application
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
Sprint-1	User Panel	USN-1	The user will login into the website and go through the products available on the website	20	High
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
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
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

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		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)

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

Burndown Chart:

	24	25	26	OCT	28	29	30	31	1	2	NO\	5	6	7	8	9	NOV 10	11	12	13	14	15	NOV 17	18	19	20	21	22 1	23
Sprints				Sprint							A Sprint					SFRA S				_			print 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																													
SFRA-8 Creating database connection for admin pa																													
SFRA-9 Completing the Admin panel																													
SFRA-10 Creating chatbot for application																													
SFRA-11 Adding Features of Chatbot																													
SFRA-12 integrate ChatBot with Web site																													
SFRA-13 Completing Chatbot																													
SFRA-14 Testing And Debugging The application																													
SFRA-15 Container of applications																						1							
SFRA-16 deploy the application																													