ProjectPlanningPhase

Project
PlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

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

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 theproducts 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 ofall the things that the users are purchasing.	20	High
Sprint-3	ChatBot	USN-3	The user can directly talk to Chat bot regarding the products. Getthe recommendations based on information provided by the user.	20	High
Sprint-4	finaldelivery	USN-4	Container of applications using docker kubernetes and deployment the application. Create the documentation and final submit the application	20	High

ProjectTracker,Velocity&BurndownChart:(4Marks)

Sprint	Total StoryPoints	Duration	Sprint StartDate	Sprint End Date(Planned)	Story Points Completed (as onPlannedEndDate)	Sprint Release Date(Actual)
Sprint-1	20	6 Days	24 Oct2022	29 Oct2022		29 Oct2022
Sprint-2	20	6 Days	31 Oct2022	05Nov2022		05Nov2022
Sprint-3	20	6 Days	07Nov2022	12Nov2022		12Nov2022
Sprint-4	20	6 Days	14Nov2022	19Nov2022		19Nov2022

Velocity:

Imaginewe have a10-daysprintduration, andthevelocityof theteamis20 (pointspersprint).Let'scalculatethe team'saverage velocity(AV)periterationunit(storypointsperday)

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

BurndownChart:

Sprints	OCT							NOV							NOV							NOV									
	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	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								■																							
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																								■							
SFRA-16 deploy the application																										■					