ProjectPlanningPhase
ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	18October2022
TeamID	PNT2022TMID44299
ProjectName	Project-SmartFashionRecommenderApplication
MaximumMarks	8 Marks

ProductBacklog,SprintSchedule,andEstimation(4Marks)

Usethebelowtemplatetocreateproductbacklogandsprint schedule

Sprint	Functional Requirement(Epic)	User Story Number	UserStory/Task	Story Points	Priority	TeamMembers
Sprint-1	UserPanel	USN-1	The user willloginintothewebsiteandgothrough the products available on thewebsite	20	High	Mohanappuviya S Dhivyabharathi M Oviya N Akshayaa M
Sprint-2	Admin panel	USN-2	The role of the admin is to check out thedatabaseaboutthestockandhaveatrackof all the things that the users arepurchasing.	20	High	Mohanappuviya S Dhivyabharathi M Oviya N Akshayaa M
Sprint-3	ChatBot	USN-3	The user can directly talk to Chatbotregarding the products.Get therecommendations based on informationprovidedbytheuser.	20	High	Mohanappuviya S Dhivyabharathi M Oviya N Akshayaa M
Sprint-4	finaldelivery	USN-4	Container of applications using dockerkubernetes and deployment the application.Create the documentation andfinal submittheapplication	20	High	Mohanappuviya S Dhivyabharathi M Oviya N Akshayaa M

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