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

Date	25 October 2022
Team ID	PNT2022TMID34490
Project Name	Smart Fashion Recommender Application
Maximum Marks	8 Marks

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	Team Members
Sprint-1	User Panel	USN-1	The user will log in to the website and go through the products available on the website	20	High	V Gowri Sankar S Sahabudeen S Jefrin Aakash G Siva Ramakrishnan
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	V Gowri Sankar S Sahabudeen S Jefrin Aakash G Siva Ramakrishnan
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	V Gowri Sankar S Sahabudeen S Jefrin Aakash G Siva Ramakrishnan

Sprint-4	Final delivery	USN-4	Container of applications using docker	20	High	V Gowri Sankar
			Kubernetes and deployment the			S Sahabudeen
			application. Create the documentation and			S Jefrin Aakash
			finally submit the application			G Siva Ramakrishnan

Project Tracker, Velocity & Burndown Chart: (4Marks)

Sprint	Total Story Points	Duration	Sprint StartDate	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 27	28	29	30	31	1	2	NOV 3		5	6	7	8	9	NOV 10	11	12	13	14	15		NOV 17	18	19	20	21	22
Sprints			SFRA S	orint 1						SFR	A Sprint	2					SFRA	Sprint 3						SFRA SI	print 4					
SFRA-1 Creating Register/login page																														
SFRA-2 home page of e-commerce website	- 1																													
SFRA-3 Creating buying products page																														
SFRA-4 Creating Cart page																														
SFRA-5 Create Database For products and user det				1																										
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																									e e					
SFRA-16 deploy the application																									- 1					