Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID19420
Project Name	Smart Fashion Recommender
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Panel(Front end)	USN-1	The user will login into the website and go through the products available on the website.	20	High	Sriram R Ranjith V Sanjay Kumar S Madhavan A
Sprint-2	Administrator 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	Sriram R Ranjith V Sanjay Kumar S Madhavan A
Sprint-3	ChatBot	USN-3	The user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the user.	20	Medium	Sriram R Ranjith V Sanjay Kumar S Madhavan A
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	Sriram R Ranjith V Sanjay Kumar S Madhavan A

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:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

	24	25 26	OCT 27	28 29	30	31 1		NOV 3 4	4 5	6	7	8	NO 9 10		12	13	14	15		NOV 17	18	19	20 21	1 22	23
Sprints		SFRA	Sprint 1				SFRA S	print 2				:	SFRA Sprin	t 3				5	SFRA Sp	rint 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																									

	24	25	20	OCT 27	28	29	30	31	1	2	NOV 3	4	-	6	7			NOV 10	11	12 13	14	15 10		OV	3 1		20 :	21 2	22 23
Sprints	24			Sprint 1		29	30	51			Sprint 2	2	5	ь	/	ŏ	SFRA Sp		11 (12 13	14		A Spri		s [1	9 .	20 .	21 4	2 23
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															1														
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																													