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

Date	22 October 2022
Team ID	PNT2022TMID43745
Project Name	Smart Fashion Recommender Application
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
Sprint-1	Admin Panel	USN-1	 The user will login into the website and go through the products available on the website 	20	High
Sprint-2	User 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	ChatBot	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	Testing & Deploy	USN-4	Container of applications using docker	20	High
			kubernetes and deployment the		
			application.		

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

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	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)

Burndown Chart:

	24	25	ОСТ 27	28	29	30	31	1	NOV 3	4	5	6	7	8	9	NOV 10	11	12	13	14	15	16	NOV 17	18	19
Sprints																									
SFRA-1 Basic Setup																									
SFRA-2 UI Design																									
5 SFRA-3 Admin Login and Home Page																									
SFRA-4 Admin Products CRUD Operations				- (
SFRA-5 App Landing Page								- 3																	
SFRA-6 User Login and Registration																									
5 SFRA-7 User Home screen manual Search																									
SFRA-8 Cart									I																
SFRA-9 Order and Details User Side																									
SFRA-10 Orders page in Admin Panal												j													
SFRA-11 Order Details Updation																									
SFRA-12 Chatbot Creation																									
SFRA-13 Chatbot Operations																									
SFRA-14 Mail Functions																									
SFRA-15 Testing																									
SFRA-16 Containerize th app																									
SFRA-17 Deployment																									- 8