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

Date	22 October 2022
Team ID	PNT2022TMID41739
Project Name	Project - 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	Team Members
Sprint-1	Admin Panel	USN-1	• The user will login into the website and go through the products available on the website	20	High	PADMANABHAN S ASWIN RAJ M JANAKAR V HARISH M
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	PADMANABHAN S ASWIN RAJ M JANAKAR V HARISH M

| 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 | PADMANABHAN S ASWIN RAJ M JANAKAR V HARISH M |
| Sprint-4 | Testing & Deploy | USN-4 | • Container of applications using docker kubernetes and deployment the application. | 20 | High | PADMANABHAN S ASWIN RAJ M JANAKAR V HARISH M |

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

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

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

Burndown Chart:

Sprints

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