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

Date	18 October 2022
Team ID	PNT2022TMID34574
Project Name	Smart Fashion Recommender System
Maximum Marks	8 Marks

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

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	Registration And initial Operation	**USN-1**	As a user, I can register to the application by entering my email, password, and confirm password or directly login through google API and Facebook.	10	High	Team Member 1,2
Sprint-1	OTP Registration Based	**USN-2**	As a user once I registered the application, I would receive the OTP for confirming my account.	5	High	Team Lead
Sprint-1	Interactive Home Page	**USN-3**	As a user, I can see variety of products and click separate categories on the home page.	15	High	Team Lead
Sprint-2	Profile and Order Details	**USN-4**	As a user, can easily access and edit the profile, order, and shopping cart.	3	High	Team Member 3,4
Sprint-2	Reviews Details	**USN-5**	As a user, able to see each product, their reviews separately.	1	High	Team Member 1
Sprint-2	Chat bot services	**USN-6**	As a user, I can interact with the chatbot service for tracking my required product.	3	High	Team Lead, Team Member 2
Sprint-3	Payment System	**USN-7**	User can able to pay the amount through variety of methods.	3	Medium	Team Member 3,4

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Seller Account	USN-8	As a seller, can list and add his product request to the admin.	2	Medium	Team Lead
Sprint-3	Track the shipped Items	USN-9	As a user, able to track the shipped order.	2	Medium	Team Member 1,2
Sprint-4	Admin page and keep track of the application	USN-10	As an admin, able to keep track of the products and their availabilities.	3	High	Team Member 3
Sprint-4	Admin can validate the sellers and customers	USN-11	As an admin, need to validate the customers and sellers.	2	High	Team Lead
Sprint-4	Admin could view the recommendation of the customers	USN-12	Able to obtain the customer interest and do recommendation changes in the chat bot.	3	Low	Team Member 4

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:

Sprints	OCT 24	25	26	27	28	29	30	NOV 31	1	2	3	4	5	6	7	NOV 8	9	10	11	12	13	14	NOV 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																										▓					