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

Date	18 October 2022
Team ID	PNT2022TMID13339
Project Name	Project -Smart Fashion Recommender Application
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	User Panel	USN-1	The user will log in to the website and browse the items accessible there.	10	High	SATHIYANANTH P KARTHIKEYAN T NAVEEN V SALMAN MJM
Sprint 1	Admin Panel	USN-2	The admin's responsibility is to verify the stock database and keep track of anything that the users buy.	10	High	SATHIYANANTH P KARTHIKEYAN T NAVEEN V SALMAN MJM
Sprint-2	Database Connectivity	USN-3	Connecting the DB to the user reg/login page and add-cart page and store the data of the user.	20	High	SATHIYANANTH P KARTHIKEYAN T NAVEEN V SALMAN MJM
Sprint-3	Chat Bot	USN-4	The user may communicate directly with the Chatbot about the items. Get recommendations depending on the user's input.	20	High	SATHIYANANTH P KARTHIKEYAN T NAVEEN V SALMAN MJM

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Final Delivery	USN-5	Containerization of apps with Docker Kubernetes and application deployment Create the documents and submit the application in its entirety.	20	High	SATHIYANANTH P KARTHIKEYAN T NAVEEN V SALMAN MJM

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.

	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

Sprints

⚡ SFRA-1 Create Registration/Login Page for User &...

⚡ SFRA-2 Create View Product Page

⚡ SFRA-3 Create Add Product Page

⚡ SFRA-4 Connect DB to user

⚡ SFRA-5 Connect DB with Add Cart Page

⚡ SFRA-6 Create Track All Order Placed Page

⌄ ⚡ SFRA-7 Create Chat-Bot

   🔖 SFRA-8 Integrate With Web Application   **TO DO**

⚡ SFRA-9 Testing & Debugging The Web Application

⚡ SFRA-10 Containers The Web Application

⚡ SFRA-11 Deploy The Web Application