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

Date	18 October 2022
Team ID	PNT2022TMID42819
Project Name	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	Login and Register	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	10	High	Mahadevan.M Tamilarasan.K Vallarasu.R Ananthakumar.S
	Front-End development	USN-2	The user will login into the website and go through the products available on the website.	10	High	Mahadevan.M Tamilarasan.K Vallarasu.R Ananthakumar.S
Sprint-2	Admin panel	USN-3	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	Mahadevan.M Tamilarasan.K Vallarasu.R Ananthakumar.S
Sprint-3	Chatbot	USN-4	The user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the user.	20	High	Mahadevan.M Tamilarasan.K Vallarasu.R Ananthakumar.S
Sprint-4	Final Delivery	USN-5	Container of applications using docker Kubernetes and deployment the application. Create the documentation and final submit the application	20	High	Mahadevan.M Tamilarasan.K Vallarasu.R Ananthakumar.S

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		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)

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

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.

SFRA→ Smart Fashion Recommender Application

	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	20	21	22	23

Sprints — SFRA Sprint 1 | SFRA Sprint 2 | SFRA Sprint 3 | SFRA Sprint 4

Task	Schedule
⚡ SFRA-1 Creating Register/login page	Oct 24
⚡ SFRA-2 home page of e-commerce website	Oct 25
⚡ SFRA-3 Creating buying products page	Oct 26
⚡ SFRA-4 Creating Cart page	Oct 27
⚡ SFRA-5 Create Database For products and user det…	Oct 28
⚡ SFRA-6 Completing the User panel	Oct 29–30
⚡ SFRA-7 Creating UI for Admin Panel	Oct 31–Nov 1
⚡ SFRA-8 Creating database connection for admin pa…	Nov 2–3
⚡ SFRA-9 Completing the Admin panel	Nov 4–6
⚡ SFRA-10 Creating chatbot for application	Nov 7
⚡ SFRA-11 Adding Features of Chatbot	Nov 8–9
⚡ SFRA-12 integrate ChatBot with Web site	Nov 10–11
⚡ SFRA-13 Completing Chatbot	Nov 12–13
⚡ SFRA-14 Testing And Debugging The application	Nov 14–15
⚡ SFRA-15 Container of applications	Nov 16–17
⚡ SFRA-16 deploy the application	Nov 18–19