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

Date	22 October 2022
Team ID	PNT2022TMID37496
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	R.Abitha j. sneha R. Sowmiya R.k.srinivasan
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	R.abitha j.sneha R. sowmiya R.k.srinivasan
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	1	High	R.abitha j.sneha R. sowmiya R.k.srinivasan
Sprint-2	Dashboard	USN-4	Browse the products that are offered on the website. The customer can interact with chat bot directly about the products rather than navigate through various screens.	3	High	R.abitha j.sneha R. sowmiya R.k.srinivasan

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Live chat-Chat Bot	USN-4	As a user, my recommendations can be made by the chat bot depending on my interest	2	High	R.abitha j.sneha R. sowmiya R.k.srinivasan
Sprint-3		USN-5	As a user, If I order any product, chat bot notifies it.	2	High	R.abitha j.sneha R. Somiya R.k.srinivasan
Sprint-4	Flow of orders and check out	USN-6	As a user, I can track my order and collect information about shipping	2	High	R.abitha j.sneha R.sowmiya R.k.srinivasan
Sprint-4		USN-7	As a user, If I am not satisfy with the product, I can return in 7 days from the date of delivery	2	Medium	R.abitha j.sneha R.sowmiya R.k.srinivasan

Sprint Delivery Plan

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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	18	6 Days	24 Oct 2022	29 Oct 2022	18	29 Oct 2022
Sprint-2	18	6 Days	31 Oct 2022	05 Nov 2022	18	05 Nov 2022
Sprint-3	18	6 Days	07 Nov 2022	12 Nov 2022	18	12 Nov 2022
Sprint-4	18	6 Days	14 Nov 2022	19 Nov 2022	18	19 Nov 2022

Velocity:

Imagine we have a 6-day sprint duration, and the velocity of the team is 18(points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \text{Sprint Duration / Velocity}$$

$$= 18/6 = 3$$

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.

Goal:80 hours in 6 days
Burndown Chart