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

Date	18 October 2022
Team ID	PNT2022TMID02318
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 visit the website after logging in and browse the available items.	20	High	VIKRAM R VIJAY K VISHAL YV ASHWIN SHRAVAN
Sprint-2	Admin Panel	USN-2	Verifying the stock database and keeping track of everything that users purchase are the admin's responsibilities.	20	High	VIKRAM R VIJAY K VISHAL YV ASHWIN SHRAVAN
Sprint-3	Chat Bot	USN-3	Regarding the items, the user can speak with the Chatbot directly. Obtain suggestions based on the user's input.	20	High	VIKRAM R VIJAY K VISHAL YV ASHWIN SHRAVAN
Sprint-4	Final Delivery	USN-4	Application deployment using Docker Kubernetes and app containerization Make the necessary paperwork, then complete and submit the application.	20	High	VIKRAM R VIJAY K VISHAL YV ASHWIN SHRAVAN

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.