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

Date	27 October 2022
Team ID	PNT2022TMID18271
Project Name	Smart Fashion Recommender Application
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User panel	USN-1	The user will login into the website and go through the products that are available on the website.	20	High	• Arun kumaar S • Dharani S • Adittya M S • Arshad Y
Sprint-2	Admin panel	USN-2	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	• Arun kumaar S • Dharani S • Adittya M S • Arshad Y
Sprint-3	Chatbot	USN-3	The user can directly talk to chatbot regarding the products and get the recommendations based on the information provided by the user.	20	High	• Arun kumaar S • Dharani S • Adittya M S • Arshad Y
Sprint-4	Final delivery	USN-4	Container of applications using Docker, Kubernetes and deploy the application. Create the documentation, finalize and submit the application.	20	High	• Arun kumaar S • Dharani S • Adittya M S • Arshad Y

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		29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		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)

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