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

Date	09 November 2022
Team ID	PNT2022TMID34679
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	User Interface (Front End)	USN-1	The user gets visualizations of the landing page and register pages through which they can sign up or login.	20	High	Abhishek A R Charan D P Devendran V Hari Krishnan N
Sprint-2	Administrator Handle	USN-2	The administrator can login to the database and upload the products and shipper details	20	High	Abhishek A R Charan D P Devendran V Hari Krishnan N

| Sprint-3 | | USN-3 | As a user, I can register for the application through Facebook | 20 | Low | Abhishek A R Charan D P Devendran V Hari Krishnan N |
| Sprint-4 | | USN-4 | As a user, I can register for the application through Gmail | 20 | Medium | Abhishek A R Charan D P Devendran V Hari Krishnan N |

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		07 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.

Task	OCT 24	25	26	27	28	29	30	NOV 31	1	2	3	4	5	6	7	8	9	NOV 10	11	12	13	14	15	16	NOV 17	18	19	20	21	22	23
ST-1 Login/Register	██																														
ST-2 Landing Page (Frontend)		██																													
ST-3 Product creation and uploading			██																												
ST-4 Carts and Orders				██																											
ST-5 Database implementation for users					██																										
ST-6 Customer dashboard completion						███																									
ST-7 Admin section UI Design								███																							
ST-8 Connecting Admin panel with DB										███																					
ST-10 Admin Section Completion												████																			
ST-11 Chatbot Development Commencement															██																
ST-12 Chatbot training and featuring																███															
ST-13 ChatBot integration with project																		███													
ST-14 Chatbot Development Completion																				███											
ST-15 Project Debugging and Testing																						███									
ST-16 Application containment																								███							
ST-17 Application Deployment																										███					