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

Date	22 October 2022
Team ID	PNT2022TMID08421
Project Name	Project - 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	Admin Panel	USN-1	As a Admin ,  Can login Products - CRUD User List Orders List	20	High	Fakrudeen
Sprint-2	User Panel	USN-2	As a user,     Register , Login , Email Verification     Manual Search     Order placement , Order Details	20	High	Mohana Subbu
Sprint-3	ChatBot	USN-3	<ul> <li>Automatic product search based on user information</li> <li>Can make order without any manual process</li> </ul>	20	High	Fakrudeen
Sprint-4	Testing & Deploy	USN-4	<ul> <li>Unit Testing</li> <li>Containerize the app</li> <li>Deployment in IBM CLOUD</li> </ul>	20	High	Mohana Subbu

### **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)

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

# **Burndown Chart:**

				ОСТ							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
Sprints																											
SFRA-1 Basic Setup																											
SFRA-2 UI Design																											
SFRA-3 Admin Login and Home Page																											
SFRA-4 Admin Products CRUD Operations																											
SFRA-5 App Landing Page																											
SFRA-6 User Login and Registration																											
SFRA-7 User Home screen manual Search																											
SFRA-8 Cart																											
SFRA-9 Order and Details User Side																											
SFRA-10 Orders page in Admin Panal																											
SFRA-11 Order Details Updation																											
SFRA-12 Chatbot Creation																											
SFRA-13 Chatbot Operations																											
SFRA-14 Mail Functions																											
◆ SFRA-15 Testing																											
SFRA-16 Containerize th app																											
SFRA-17 Deployment																											