

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

Date	22 October 2022
Team ID	PNT2022TMID49595
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 , <ul style="list-style-type: none"> <li>Can login</li> <li>Products - CRUD</li> <li>User List</li> <li>Orders List</li> </ul>	20	High	M.Srivathsava M.Mathivanan A.Balamurugan L.Vinodkumar
Sprint-2	User Panel	USN-2	As a user, <ul style="list-style-type: none"> <li>Register , Login , Email Verification</li> <li>Manual Search</li> <li>Order placement , Order Details</li> </ul>	20	High	M.Srivathsava M.Mathivanan A.Balamurugan L.Vinodkumar
Sprint-3	ChatBot	USN-3	<ul style="list-style-type: none"> <li>Automatic product search based on user information</li> <li>Can make order without any manual process</li> </ul>	20	High	M.Srivathsava M.Mathivanan A.Balamurugan L.Vinodkumar
Sprint-4	Testing & Deploy	USN-4	<ul style="list-style-type: none"> <li>Unit Testing</li> <li>Containerize the app</li> <li>Deployment in IBM CLOUD</li> </ul>	20	High	M.Srivathsava M.Mathivanan A.Balamurugan L.Vinodkumar

**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)

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

## Burndown Chart:

