

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

Date	22 October2022
Team ID	PNT2022TMID32100
ProjectName	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	TeamMembers
Sprint-1	AdminPanel	USN-1	As a Admin, <ul style="list-style-type: none"> <li>Can login</li> <li>Products- CRUD</li> <li>User List</li> <li>OrdersList</li> </ul>	20	High	PRAVEEN D LINGARAJA S ROJA SREE S RASIGA J
Sprint-2	User Panel	USN-2	As a user, <ul style="list-style-type: none"> <li>Register , Login , EmailVerification</li> <li>ManualSearch</li> <li>Order placement, OrderDetails</li> </ul>	20	High	PRAVEEN D LINGARAJA S ROJA SREE S RASIGA J
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	PRAVEEN D LINGARAJA S ROJA SREE S RASIGA J

Sprint-4	Testing & Deploy	USN-4	<ul style="list-style-type: none"> <li>• UnitTesting</li> <li>• Containerizethe app</li> <li>• Deploymentin IBM CLOUD</li> </ul>	20	High	PRAVEEN D LINGARAJA S ROJA SREE S RASIGA J
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**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

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

Sprint	Total Story Points	Duration	SprintStart Date	SprintEndDate (Planned)	Story Points Completed (as on PlannedEndDate)	SprintRelease 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 iterationunit (story points per day)

Burndown Chart:

