

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

Date	22 October 2022
Team ID	PNT2022TMID43745
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
Sprint-1	Admin Panel	USN-1	<ul style="list-style-type: none">The user will login into the website and go through the products available on the website	20	High
Sprint-2	User Panel	USN-2	<ul style="list-style-type: none">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
Sprint-3	ChatBot	USN-3	<ul style="list-style-type: none">The user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the user.	20	High

Sprint-4	Testing & Deploy	USN-4	<ul style="list-style-type: none"> Container of applications using docker kubernetes and deployment the application. 	20	High
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$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	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)

Burndown Chart:

