

Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18 October 2022
Team ID	PNT2022TMID41314
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
Sprint-1	User Panel	USN-1	The user first login in to the website and then browse through the product available on the website.	20	High
Sprint-2	Admin panel	USN-2	The admin is allotted with the role of ensuring that the stocks are available for purchase and also keeping track of all the records.	20	High
Sprint-3	Chat Bot	USN-3	The user can directly interact with the chatbot about their expected products and the recommender provide the necessary recommendations.	20	High

Sprint-4	Final delivery	USN-4	Container of applications using docker kubernetes and deployment of the application. Create the documentation and submission of the application finally.	20	High
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Project Tracker, Velocity & Burn down 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

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

Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		19 Nov 2022
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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)

Burn down Chart:

