Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID47819
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	Team Members
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	RAMESH KANNAN S VEERA PRATHAP V RATHINAVEL M JAYSON J
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	RAMESH KANNAN S VEERA PRATHAP V RATHINAVEL M JAYSON J
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	RAMESH KANNAN S VEERA PRATHAP V RATHINAVEL M JAYSON J
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	RAMESH KANNAN S VEERA PRATHAP V RATHINAVEL M JAYSON J

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
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)

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

Burn down Chart: