Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID29786
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 , ● Can login ● Products - CRUD ● User List ● Orders List	20	High	S HARISH N JAVEED HUSSAIN R MADHAN KUMAR C S HARIHARAN
Sprint-2	User Panel	USN-2	As a user, ● Register , Login , Email Verification ● Manual Search ● Order placement , Order Details	20	High	S HARISH N JAVEED HUSSAIN R MADHAN KUMAR C S HARIHARAN
Sprint-3	ChatBot	USN-3	● Automatic product search based on user information ● Can make order without any manual process	20	High	S HARISH N JAVEED HUSSAIN R MADHAN KUMAR C S HARIHARAN
Sprint-4	Testing & Deploy	USN-4	● Unit Testing ● Containerize the app ● Deployment in IBM CLOUD	20	High	S HARISH N JAVEED HUSSAIN R MADHAN KUMAR C S HARIHARAN

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)

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

Burndown Chart: