

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID08421
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 , <ul style="list-style-type: none"> Can login Products - CRUD User List Orders List 	20	High	Mohana Subbu Fakrudeen Dinesh Rakesh
Sprint-2	User Panel	USN-2	As a user, <ul style="list-style-type: none"> Register , Login , Email Verification Manual Search Order placement , Order Details 	20	High	Mohana Subbu Fakrudeen Dinesh Rakesh
Sprint-3	ChatBot	USN-3	<ul style="list-style-type: none"> Automatic product search based on user information Can make order without any manual process 	20	High	Mohana Subbu Fakrudeen Dinesh Rakesh
Sprint-4	Testing & Deploy	USN-4	<ul style="list-style-type: none"> Unit Testing Containerize the app Deployment in IBM CLOUD 	20	High	Mohana Subbu Fakrudeen Dinesh Rakesh

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)

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

Burndown Chart:

