Project Planning Phase

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

Date	31 October 2022
Team ID	PNT2022TMID01930
Project Name	Project – 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	Customer side	USN-1	As a customer, I can register for the application by entering my details, email, password, and confirming my password. Then I will receive the confirmation through email. Login via mail and go through the products in the website.	10	High	SOWMIYA S MANISHA D PRADEEP B VINITHKUMAR N
Sprint-1	Admin side	USN-2	As an admin, I can login to the website. Keep track of the products and their availability. If it is out of stock that should be updated in the database. Admin should add the new arrivals.	10	High	SOWMIYA S MANISHA D PRADEEP B VINITHKUMAR N
Sprint-2	Chatbot Interaction	USN-3	Any user can interact with the chatbot. It can give recommendations to the user from their previous searches.	20	High	SOWMIYA S MANISHA D PRADEEP B VINITHKUMAR N
Sprint-3	Customer care services	USN-4	As a user you can contact the customer care through the given helpline number	20	Medium	SOWMIYA S MANISHA D PRADEEP B VINITHKUMAR N
Sprint-4	Feedback, Ratings.	USN-5	User can give their purchase experience through providing feedback, ratings etc.	20	High	SOWMIYA S MANISHA D PRADEEP B VINITHKUMAR N

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	20	30 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	13 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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: