Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMID48401
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-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	9	High	Sathish Raj.K
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	4	Low	Abinaya Priya.A
Sprint-1	Login (User)	USN-3	As a user, I can log into the application by entering email & password	7	Medium	Divya.A.S Sharmila Devi.M
Sprint-2	Welcome Page	USN-4	As a user, I can see the application environment and the available products	20	High	SharmilaDevi.M Sathish Raj.K Divya.A.S Abinayapriya.A

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Chat Bot	USN-5	As a user, I can directly get the recommendations and the product details through the Chatbot	20	High	Satjish Raj.K Divya.A.S Abinayapriya.A Sharmila Devi.M
Sprint-4	Final delivery	USN-6	Container of application using docker, Kubernetes and deployment the application. Create the document and final submission of the application	20	High	Sathish Raj.K Sharmila Devi.M Abinayapriya.A Divya.A.S

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	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 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 iterationunit (story points per day)

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

Average Velocity = Story Points per Day

Sprint Duration = Number of (Duration) days per

SprintVelocity = Points per Sprint

$$AV = \frac{20}{6} \approx 4$$

Therefore, the **AVERAGE VELOCITY IS 4 POINTS PER SPRINT**

Burndown Chart: