Project Planning Phase

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

Date	3 November 2022
Team ID	PNT2022TMID01420
Project Name	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	User Panel	USN-1	The user login into the website and go through the availability of products on it.	20	High	Shalini .K Sangeetha .S Sundareswari .S Vishnu Priya .A
Sprint-2	Admin Panel	USN-2	The role of the admin is to check out the database of the product stock and track all the things that the customers are purchasing.	20	High	Shalini .K Sangeetha .S Sundareswari .S Vishnu Priya .A
Sprint-3	Chat Bot	USN-3	The user can directly talk to Chatbot about the products. Get the recommendations based on the information provided by the users.	20	High	Shalini .K Sangeetha .S Sundareswari .S Vishnu Priya .A
Sprint-4	Final delivery	USN-4	Container of applications using kubernetes and deployment of the application. Create the documentaion and final submit the application.	20	High	Shalini .K Sangeetha .S Sundareswari .S Vishnu Priya .A

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		5 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:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.