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

Date	17 November 2022
Team ID	PNT2022TMID09289
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	User Panel	USN-1	The user will visit the website after logging in and browse the available items.	20	High	NITHYALAKS HMI J LAVANYA M RASHMIE E MONISHA P
Sprint-2	Admin Panel	USN-2	Verifying the stock database and keeping track of everything that users purchase are the admin's responsibilities.	20	High	NITHYALAKS HMI J LAVANYA M RASHMIE E MONISHA P
Sprint-3	Chat Bot	USN-3	Regarding the items, the user can speak with the Chatbot directly. Obtain suggestions based on the user's input.	20	High	NITHYALAKS HMI J LAVANYA M RASHMIE E MONISHA P
Sprint-4	Final Delivery	USN-4	Application deployment using Docker Kubernetes and app containerization Make the necessary paperwork, then complete and submit the application.	20	High	NITHYALAKS HMI J LAVANYA M RASHMIE E MONISHA P

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 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.

	24	25	26	OCT 27	28	29	30	31	1	2	NOV 3		5	6	7	8	9	NOV 10	11	12	13	14	15		NOV 17	18	19	20	21	22	23
Sprints	SFRA Sprint 1				SFRA Sprint 2							SFRA Sprint 3							SFRA Sprint 4												
SFRA-1 Creating Register/login page																															
SFRA-2 home page of e-commerce website	- 1																														
SFRA-3 Creating buying products page																															
SFRA-4 Creating Cart page																															
SFRA-5 Create Database For products and user det																															
SFRA-6 Completing the User panel																															
SFRA-7 Creating UI for Admin Panel								3																							
SFRA-8 Creating database connection for admin pa																															
SFRA-9 Completing the Admin panel														3																	
SFRA-10 Creating chatbot for application																															
SFRA-11 Adding Features of Chatbot																															
SFRA-12 integrate ChatBot with Web site																															
SFRA-13 Completing Chatbot																			1												
SFRA-14 Testing And Debugging The application																															
SFRA-15 Container of applications																															
SFRA-16 deploy the application																															