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

Date	15 November 2022
Team ID	PNT2022TMID00753
Team ID 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	THARUN A SANTHOSH J RAJARAJAN P SURENDHAR A
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	THARUN A SANTHOSH J RAJARAJAN P SURENDHAR A
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	THARUN A SANTHOSH J RAJARAJAN P SURENDHAR A
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	THARUN A SANTHOSH J RAJARAJAN P SURENDHAR 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	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.

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	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Sprints																											
SFRA-5 CREATE REGISTRATION PAGE (USER,ADMIN)																											
SFRA-6 USER REGISTRATION DONE																											
SFRA-7 ADMIN REGISTRATION DONE																											
SFRA-8 CREATE LOGIN PAGE (USER,ADMIN)																											
SFRA-9 USER LOGIN PAGE DONE																											
SFRA-10 ADMIN LOGIN PAGE DONE																											
SFRA-11 CREATE VIEW PRODUCTS PAGE DONE																											
◆ SFRA-12 CREATE ADD PRODUCTS PAGE DONE DO																											
SFRA-13 DATABASE CONNECTIVITY						I																					
SFRA-14 CONNECT WITH USER/REG DB DONE																											
SFRA-16 CONNECT DB WITH ADD CART PA IN PROGRESS																											
SFRA-17 CREATE TRACK ALL ORDER PLACED PAGE																											
SFRA-18 CREATE CHAT BOT																		1									
SFRA-19 INTEGRATE WITH WEB APPLICATION TO DO																											
SFRA-20 TESTING AND DEBUGGING THE APPLICATION																											
SFRA-21 CONTAINERS THE APPLICATION.																											
SFRA-22 DEPLOYMENTING THE APLLICATION																											