

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID31802
Project Name	Project - 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	Admin Panel	USN-1	<ul style="list-style-type: none"> The user will login into the website and go through the products available on the website 	20	High	E Elavarasan A Jakith Ahamed A Logha Priya S Samraj M Sanmathi
Sprint-2	User Panel	USN-2	<ul style="list-style-type: none"> The role of the admin is to check out the database about the stock and have a track of all the things that the users are purchasing. 	20	High	E Elavarasan A Jakith Ahamed A Logha Priya S Samraj M Sanmathi

Sprint-3	ChatBot	USN-3	<ul style="list-style-type: none"> The user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the user. 	20	High	E Elavarasan A Jakith Ahamed A Logha Priya S Samraj M Sanmathi
Sprint-4	Testing & Deploy	USN-4	<ul style="list-style-type: none"> Container of applications using docker kubernetes and deployment the application. 	20	High	E Elavarasan A Jakith Ahamed A Logha Priya S Samraj M Sanmathi

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


















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		05 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)

Burndown Chart:

	OCT																			NOV																			NOV																		
	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-1 Basic Setup																																																									
 SFRA-2 UI Design																																																									
 SFRA-3 Admin Login and Home Page																																																									
 SFRA-4 Admin Products CRUD Operations																																																									
 SFRA-5 App Landing Page																																																									
 SFRA-6 User Login and Registration																																																									
 SFRA-7 User Home screen manual Search																																																									
 SFRA-8 Cart																																																									
 SFRA-9 Order and Details User Side																																																									
 SFRA-10 Orders page in Admin Panal																																																									
 SFRA-11 Order Details Updation																																																									
 SFRA-12 Chatbot Creation																																																									
 SFRA-13 Chatbot Operations																																																									
 SFRA-14 Mail Functions																																																									
 SFRA-15 Testing																																																									
 SFRA-16 Containerize th app																																																									
 SFRA-17 Deployment																																																									