

## Project Planning Phase

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

Date	31October 2022
Team Id	PNT2022TMID16610
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 login into the website and go through the products available on the website	20	High	THARANEEDHARAN RAGHUL KANNAN RAGHUL PRAKASH
Sprint-2	Admin panel	USN-2	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	THARANEEDHARAN RAGHUL KANNAN RAGHUL PRAKASH
Sprint-3	Chat Bot	USN-3	The user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the user.	20	High	THARANEEDHARAN RAGHUL KANNAN RAGHUL PRAKASH

Sprint-4	final delivery	USN-4	Container of applications using docker kubernetes and deployment the application. Create the documentation and final submit the application	20	High	THARANEEDHARAN RAGHUL KANNAN RAGHUL PRAKASH
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#### 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)

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

**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	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																																			
✚ 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																																			
✚ SFRA-8 Creating database connection for admin pa...																																			
✚ SFRA-9 Completing the Admin panel																																			
✚ SFRA-10 Creating chatbot for application																																			
✚ SFRA-11 Adding Features of Chatbot																																			
✚ SFRA-12 integrate ChatBot with Web site																																			
✚ SFRA-13 Completing Chatbot																																			
✚ SFRA-14 Testing And Debugging The application																																			
✚ SFRA-15 Container of applications																																			
✚ SFRA-16 deploy the application																																			