

## Project Planning Phase

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

Date	03 November 2022
Team ID	PNT2022TMID16527
Project Name	Project - Smart Fashion Recommender Application
Maximum 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	V.Yamini, D.Prasaniya
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	K.Sivashree, B.Sanjana
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	1	High	B.Sanjana, D.Prasaniya

Sprint-2	Dashboard	USN-4	Browse the products that are offered on the website. The customer can interact with chat bot directly about the products rather than navigate through various screens.	3	High	D.Prasaniya, V.Yamini
Sprint-3	Chat Bot	USN-4	The user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the use	2	High	K.Sivashree, V.Yamini
Sprint-3	Tracking the order	USN-5	As a user, If I order any product, chat bot notifies it.	2	High	K.Sivashree, D.Prasaniya
Sprint-4	Flow of orders and check out	USN-6	As a user, I can track my order and collect information about shipping	2	High	B.Sanjana, V.Yamini
Sprint -4	Feedback, comment section	USN-7	As a user I can write a fashion review as both positive and negative.	2	High	D.Prasaniya, B.Sanjana
Sprint-4	Return the product if not satisfied	USN-8	As a user, If I am not satisfying with the product, I can return in 7 days from the date of delivery	2	Medium	V.Yamini, K.Sivashree

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	04	5 Days	28 Oct 2022	01 Nov 2022		01 Nov 2022
Sprint-2	03	5 Days	03 Nov 2022	07 Nov 2022		
Sprint-3	04	5 Days	09 Nov 2022	13 Nov 2022		
Sprint-4	06	5 Days	15 Nov 2022	19 Nov 2022		

**Velocity:**

Sprint - 1: Average Velocity(AV)

$$Av = \text{Sprint Duration} / \text{Velocity} = 4/5 = 0.8$$

Sprint - 2: Average Velocity(AV)

$$Av = \text{Sprint Duration} / \text{Velocity} = 3/5 = 0.6$$

Sprint - 3: Average Velocity(AV)

$$Av = \text{Sprint Duration} / \text{Velocity} = 4/5 = 0.8$$

Sprint - 4: Average Velocity(AV)

$$Av = \text{Sprint Duration} / \text{Velocity} = 6/5 = 1.2$$

**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.

