

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID02772
Project Name	Smart Fashion Recommender System
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	Registration & initial Operation	USN-1	As a user, I can register it by entering valid credentials such as my email, password, and confirm password or directly login through google or facebook .	10	High	Mohammed Shiyas Mohammed Asim Ponvarshini
Sprint-1	OTP Registration Based	USN-2	As a user, after the registration process, I would receive the OTP for confirmation.	5	High	Mohammed Shiyas Mohammed Asim Ponvarshini Navin Jagadish
Sprint-1	Interactive Home Page	USN-3	As a user, I can browse variety of products and click separate categories on the home page.	15	High	Mohammed Shiyas Mohammed Asim
Sprint-2	Profile and OrderDetails	USN-4	As a user, I can easily access and edit my profile, my order, and my shopping cart.	3	High	Mohammed Shiyas Ponvarshini
Sprint-2	Reviews Details	USN-5	As a user, I can view each product and their reviews separately.	1	High	Navin Jagadish Mohammed Asim
Sprint-2	Chat bot services	USN-6	As a user, I'll have access to interact with the chatbots for tracking my product.	3	High	Ponvarshini Mohammed Asim

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
<b>Sprint-3</b>	Payment System	<b>USN-7</b>	User can able to pay the amount through variety of methods such as UPI , credit or debit cards , cash on delivery , Paypal.	3	Medium	Ponvarshini Navin Jagadish
<b>Sprint-3</b>	Seller Account	<b>USN-8</b>	As a seller can list and add his product and request to the admin.	2	Medium	Ponvarshini Mohammed Shiyas Mohamed Asim Navin Jagadish
<b>Sprint-3</b>	Track the shipped Items	<b>USN-9</b>	As a user, I'm able to track my shipped order.	2	Medium	Ponvarshini Mohammed Shiyas Mohamed Asim Navin Jagadish
<b>Sprint-4</b>	Admin page and keep track of the application	<b>USN-10</b>	As the admin can able to track the current status of the products and their availabilities.	3	High	Ponvarshini Mohammed Shiyas Mohamed Asim Navin Jagadish
<b>Sprint-4</b>	Admin can validate the sellers and customers	<b>USN-11</b>	As an admin can need to validate the information of customers and sellers.	2	High	Ponvarshini Mohammed Shiyas Mohamed Asim Navin Jagadish
<b>Sprint-4</b>	Admin could view the recommendation of the customers	<b>USN-12</b>	As an admin can able to obtain the customer interest and do needful recommendation changes in the chatbot.	3	Low	Ponvarshini Mohammed Shiyas Mohamed Asim Navin Jagadish

**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	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)

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

**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.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart>  
[/https://www.atlassian.com/agile/tutorials/burndown-charts](https://www.atlassian.com/agile/tutorials/burndown-charts)