

## Project Planning Phase

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

|               |                                       |
|---------------|---------------------------------------|
| Date          | 18 October 2022                       |
| Team ID       | PNT2022TMID54398                      |
| Project Name  | 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 | Registration And initial Operation | USN-1             | As a user, I can register for the application by entering my email, password, and confirming my password. | 2            | High     | Team Member 1,2<br>(Karthikeyan ,Divyesh) |
| Sprint-1 | OTP Registration Based             | USN-2             | As a user, I will receive confirmation email once I have registered for the application                   | 1            | High     | Team Lead-Prabhavathy                     |
| Sprint-1 | Interactive Home Page              | USN-3             | As a user, I can register for the application through Facebook  | 2            | Low      | Team Lead-Prabhavathy                     |
| Sprint-2 | Profile and Order Details          | USN-4             | As a user, I can register for the application through Gmail   | 2            | Medium   | Team Member 3,                            |
| Sprint-2 | Reviews Details                    | USN-5             | As a user, I can log into the application by entering email & password                                    | 1            | High     | Team Member 1                             |
| Sprint-2 | Chat bot services                  | USN-6             | As a user, I can interact with the chatbot service for tracking my required product                       | 3            | High     | Team Lead, Team Member 2- Divyesh         |
| Sprint-3 | Payment System                     | USN-7             | User can able to pay the amount through variety of methods.   | 3            | Medium   | Team Member 3,                            |
| Sprint-3 | Seller Account                     | USN-8             | As a seller, can list and add his product request to the admin  | 2            | Medium   | Team Lead-Prabhavathy                     |

| <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>      |
|---------------|--|--------------------------|---|---------------------|-----------------|--------------------------|
| Sprint-3      | Track the shipped Items                              | USN-9                    | As a user, able to track the shipped order.   | 2                   | Medium          | Team Member 1,2- Divyesh |
| Sprint-4      | Admin page and keep track of the application         | USN-10                   | As an admin, able to keep track of the products and their availabilities            | 3                   | High            | Team Member 3            |
| Sprint-4      | Admin can validate the sellers and customers         | USN-11                   | As an admin, need to validate the customers and sellers.                            | 2                   | High            | Team Lead-Prabhavathy    |
| Sprint-4      | Admin could view the recommendation of the customers | USN-12                   | Able to obtain the customer interest and do recommendation changes in the chat bot. | 3                   | Low             | Team Member - Divyesh    |

#### 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)

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

## Burndown Chart:



