

## Project Planning Phase

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

|               |                                                 |
|---------------|-------------------------------------------------|
| Date          | 18 October 2022                                 |
| Team ID       | PNT2022TMID32443                                |
| 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 | User                          | USN-1             | As a user, I can register for the application by entering my email, password, and confirming my password.I will go through the products available on the website | 20           | High     | Sajeeth Guru G P<br>Madhavan S<br>Rohith R<br>Samsul Ghudha A S |
| Sprint-2 | Admin                         | USN-2             | As an Admin, I can check out the database about the stock and have a track of all the things that the users are purchasing.                                      | 20           | High     | Sajeeth Guru G P<br>Madhavan S<br>Rohith R<br>Samsul Ghudha A S |
| 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     | Sajeeth Guru G P<br>Madhavan S<br>Rohith R<br>Samsul Ghudha A S |
| 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     | Sajeeth Guru G P<br>Madhavan S<br>Rohith R<br>Samsul Ghudha A S |

**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:

