

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

|               |   |
|---------------|---|
| Date          | 04 November 2022                            |
| Team ID       | PNT2022TMID06588                            |
| Project Name  | Project- Smartfashion Recommendation system |
| Maximum Marks | 8 Marks                                     |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

| <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-1      | Registration                         | USN-1                    | As a user, I can register for the application by entering my email, password, and confirming my password | 2                   | High            | Ramkumar. R<br>Ragu.L<br>Sanjai.J |
| Sprint-1      | Verification                         | USN-2                    | As a user I will receive confirmation email once I have registered for the application.                  | 2                   | High            | Manojkumar.K<br>Hariharan.R       |

|          |               |       |  |   |        |  |
|----------|---------------|-------|--|---|--------|--|
| Sprint-1 | Login process | USN-3 | As a user I can login into the application by entering email & password. | 2 | Medium | Ramkumar.R<br>Sanjai.J<br>Manojkumar.K |
|----------|---------------|-------|--|---|--------|--|

|           |                            |              |   |   |      |                                   |
|-----------|----------------------------|--------------|---|---|------|-----------------------------------|
| Sprint -2 | Customer services          | USN-4        | As a user I can contact to the customer care department on 1800 xxxx xxxx | 2 | High | Ragu.L<br>Hariharan.R             |
| Sprint-3  | Feedback, comment section. | USN-5        | As a user I can write a fashion review as both positive and negative.     | 2 | High | Ragu.L<br>Hariharan.R<br>Sanjai.J |
| Sprint-4  | Fashion sector             | <u>USN-6</u> | As a user I can behave differently according to the type of need.         | 2 | High | Manojkumar.K<br>Ramkumar.L        |

**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                 | 8 Days   | 13 Oct 2022       | 20 Oct 2022               | 20  | 20 Oct 2022                  |
| Sprint-2 | 20                 | 7 Days   | 21 Oct 2022       | 27 Oct 2022               | 20  | 27 Oct 2022                  |

|          |    |        |             |             |    |             |
|----------|----|--------|-------------|-------------|----|-------------|
| Sprint-3 | 20 | 6 Days | 28 Oct 2022 | 02 Nov 2022 | 20 | 02 Nov 2022 |
| Sprint-4 | 20 | 7 Days | 03 Nov 2022 | 09 Nov 2022 | 20 | 09 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)

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

### Burn down Chart:

|   | OCT           |    |    |    |    |    |    |    | NOV           |   |   |   |   |   |   |   | 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 |    |    |    |    |    |    |  |
| 1 SFRA-1 Creating Register/login page                 |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 2 SFRA-2 home page of e-commerce website              |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 3 SFRA-3 Creating buying products page                |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 4 SFRA-4 Creating Cart page                           |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 5 SFRA-5 Create Database For products and user det... |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 6 SFRA-6 Completing the User panel                    |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 7 SFRA-7 Creating UI for Admin Panel                  |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 8 SFRA-8 Creating database connection for admin pa... |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 9 SFRA-9 Completing the Admin panel                   |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 10 SFRA-10 Creating chatbot for application           |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 11 SFRA-11 Adding Features of Chatbot                 |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 12 SFRA-12 Integrate ChatBot with Web site            |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 13 SFRA-13 Completing Chatbot                         |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 14 SFRA-14 Testing And Debugging The application      |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 15 SFRA-15 Container of applications                  |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |
| 16 SFRA-16 deploy the application                     |               |    |    |    |    |    |    |    |               |   |   |   |   |   |   |   |               |    |    |    |    |    |    |    |               |    |    |    |    |    |    |  |