

Project Planning Phase

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

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|---------------|---|
| Date | 18 October 2022 |
| Team ID | PNT2022TMID37167 |
| Project Name | Project – Smart Fashion Recommender Application |
| Maximum Marks | 8 Marks |

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

| Sprint | User Type | Functional Requirement | User Story Number | User Story / Task | Story Points | Priority | Team Member |
|----------|---------------|------------------------------|-------------------|---|--------------|----------|---|
| Sprint-1 | Customer | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 3 | High | THARUN SAI PRATHYUSH SANTHOSH SURENDAR |
| Sprint-2 | | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | |
| Sprint-1 | | Login | USN-3 | As a user, I can log into the application by entering email & password | 2 | High | |
| Sprint-1 | | Home Page | USN-4 | As a user, I can view all the products in the website | 2 | High | |
| Sprint-3 | | Chatbot | USN-5 | As a user, I can enter the recommendation details and get the product recommendation | 3 | High | |
| Sprint-2 | | Order | USN-6 | As a user, I can place the Order | 2 | High | |
| Sprint-2 | | | USN-7 | As a user, I will receive the confirmation email Once I place the order | 1 | High | |
| Sprint-4 | Administrator | Login | USN-8 | As a User, I can Login into the Application by entering admin ID and Password | 2 | High | |
| Sprint-4 | | View and Update order status | USN-9 | As a user, I can View and Update the status of the order | 3 | High | |
| Sprint-4 | | Add Products | USN-10 | As a User, I can Add Products to the Store website | 2 | High | |

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 | 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 | In Progress |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | In Progress |

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)

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

| Sprint | Total Story Points | Duration | Average velocity |
|----------|--------------------|----------|------------------|
| Sprint-1 | 20 | 6 Days | 3.33 |
| Sprint-2 | 20 | 6 Days | 3.33 |
| Sprint-3 | 20 | 6 Days | 3.33 |
| Sprint-4 | 20 | 6 Days | 3.33 |

BURNDOWN CHART :

