# Project Planning Phase

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

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| --- | --- |
| Date | 17 November 2022 |
| Team ID | PNT2022TMID14116 |
| Project Name | Project - 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 | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 2 | High | Hariprasath.P  Dineshraghul.S  Lokeshwaran.M  Veeraragavan.G |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Hariprasath.P  Dineshraghul.S  Lokeshwaran.M  Veeraragavan.G |
| Sprint-1 | Login | USN-3 | As a user, I can log into the application by entering email & password | 1 | High | Hariprasath.P  Dineshraghul.S  Lokeshwaran.M  Veeraragavan.G |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-2 | Dashboard | USN-4 | Browse the products that are offered on the website.  The customer can interact with chat bot directly about the products rather than navigate through various screens. | 3 | High | Hariprasath.P  Dineshraghul.S  Lokeshwaran.M  Veeraragavan.G |
| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-3 | Live chat-Chat Bot | USN-4 | As a user, my recommendations can be  made by the chat bot depending on my interest | 2 | High | Hariprasath.P  Dineshraghul.S  Lokeshwaran.M  Veeraragavan.G |
| Sprint-3 |  | USN-5 | As a user, If I order any product, chat bot notifies it. | 2 | High | Hariprasath.P  Dineshraghul.S  Lokeshwaran.M  Veeraragavan.G |
| Sprint-4 | Flow of orders and check out | USN-6 | As a user, I can track my order and collect information about shipping | 2 | High | Hariprasath.P  Dineshraghul.S  Lokeshwaran.M  Veeraragavan.G |
| Sprint-4 |  | USN-7 | As a user, If I am not satisfy with the product, I can return in 7 days from the date of delivery | 2 | Medium | Hariprasath.P  Dineshraghul.S  Lokeshwaran.M  Veeraragavan.G |

# Sprint Delivery Plan

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| --- | --- |
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Project Tracker, Velocity & Burndown Chart: (4 Marks)

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| --- | --- | --- | --- | --- | --- | --- |
| 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 | 18 | 6 Days | 11 Nov 2022 | 17 Nov 2022 | 18 | 17 Nov 2022 |
| Sprint-2 | 18 | 6 Days | 18 Nov 2022 | 24 Nov 2022 | 18 | 24 Nov 2022 |
| Sprint-3 | 18 | 6 Days | 24 Nov 2022 | 30 Nov 2022 | 18 | 30 Nov 2022 |
| Sprint-4 | 18 | 6 Days | 1 Dec 2022 | 6 Dec 2022 | 18 | 6 Dec 2022 |

Velocity:

Imagine we have a 6-day sprint duration, and the velocity of the team is 18(points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day)

# AV = Sprint Duration / Velocity

= 18/6 = 3

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.

