

## ***Project Planning Phase***

### ***Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints )***

Date	20 November 2022
Team ID	PNT2022TMID34632
Project Name	Smart Fashion Recommendation System
Maximum Marks	8 marks

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

Use the below template to create product backlog and sprint schedule

<b>Sprint</b>	<b>Functional Requirements</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint - 1	User Panel	USN – 1	The user will login into the website and go through the available products on the website	20	HIGH	Femima Shelly Abisha Benitta Delfin
Sprint - 2	Admin panel	USN – 2	The role of the admin is to check out the database about the stock and have a track of all the things that the users are purchasing	20	HIGH	Femima Shelly Abisha Benitta Delfin
Sprint – 3	Chat Bot	USN – 3	The user can directly talk to chatBot regarding the products. Get the recommendation based on information provided by the user.	20	HIGH	Femima Shelly Abisha Benitta Delfin
Sprint – 4	Final Delivery	USN – 4	Container of application using docker kubernetes and deployment of application. Create the documentation and final submit the application	20	HIGH	Femima Shelly Abisha Benitta Delfin

### Sprint Delivery Schedule :

Sprint	Total story points	Duration	Sprint Start Date	Sprint end Date (planned)	Story points Completed	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 Nov 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 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 :

