

## Project Planning Phase

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

Date	09 November 2022
Team ID	PNT2022TMID05878
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	User Interface (Front End)	USN-1	The user is shown visualisations of the landing page and registration pages, where they may sign up or login.	20	High	Surya Narayanan M S Srijish R Syed Usman Bukari K Ashwin S
Sprint-2	Administrator Handle	USN-2	The administrator may access the database and enter the product and shipper information.	20	High	Surya Narayanan M S Srijish R Syed Usman Bukari K Ashwin S
Sprint-3		USN-3	As a user, I may sign up for the app using Facebook.	20	Low	Surya Narayanan M S Srijish R Syed Usman Bukari K Ashwin S
Sprint-4		USN-4	As a user, I may sign up for the	20	Medium	Surya Narayanan M S Srijish R Syed Usman Bukari K Ashwin 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		07 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:**

Assume we have a 10-day sprint period and a team velocity of 20. (points per sprint). Let's compute the average velocity (AV) of the squad every iteration unit (story points per day)

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

## Burndown Chart:

A **burndown** chart is a graphical representation of work **remaining** versus time. It is **commonly** used in **Agile** software development methodologies such as Scrum. However, **burndown** charts can be applied to any project **that shows** measurable progress over time.

