

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID01360
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	Pavithra Krishna Sree Jeyashruthi Chelsee natalia
Sprint-1	Verification	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Pavithra Krishna sree Jeyashruthi Chelsee natalia
Sprint-1	Login	USN-3	User will login to website by entering the mail id and password and user will Keep track of the products and their availability. If it is out of stock that should be updated in the database. Admin should add the new arrivals.	2	Low	Pavithra Krishna sree Jeyashruthi Chelsee natalia

Sprint-2	Chat bot	USN-4	The user can directly talk to the chatbot regarding the products and you can get the recommendations based on the information provided by the user.	2	Medium	Pavithra Krishna sree Jeyashruthi Chelsee natalia
Sprint-3	Final delivery	USN-5	Containers of application using docker and Kubernetes and deploy the application. Create a final documentation and submit it.	1	High	Pavithra Krishna sree Jeyashruthi Chelsee natalia
Spirit -4	Feedback and ratings	USN-6	User can give their purchase experience through providing feedback, ratings etc.	1	High	Pavithra Krishna sree Jeyashruthi Chelsee natalia

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	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	13 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 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)

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