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

Date	18 October 2022
Team ID	PNT2022TMID42359
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.	4	High	ELAKKIYA , MAYAVATHI
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	SOBIYA,GOBINATH
Sprint-1	Login (User)	USN-3	As a user, I can log into the application by entering email & password	4	High	MAYAVATHI,GOBINATH
Sprint-1	Dashboard	USN-4	As a user, I can explore the products on the site.	5	High	ELAKKIYA,SOBIYA
Sprint-1		USN-5	As a user, I can view offers.	4	Medium	ELAKKIYA,GOBINATH
Sprint-2	Chatbot	USN-6	As a user, I can find my desired products through recommendation.	8	High	MAYAVATHI,SOBIYA
Sprint-2		USN-7	As a user, I can ask queries and get clarified.	7	High	ELAKKIYA , MAYAVATHI
Sprint-2		USN-8	As a user, I can get suggestion on colour combinations.	5	Medium	SOBIYA,GOBINATH

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	whishlist	USN-9	As a user, I can add the products to my wish list	4	Medium	MAYAVATHI,GOBINATH
Sprint-3	Payment	USN-10	As a user, I can make payment	8	High	ELAKKIYA,SOBIYA
Sprint-3	Order Confirmation	USN-11	As a user, I will receive a confirmation email.	8	High	ELAKKIYA,GOBINATH
Sprint-4	Coupon Generation	USN-12	As a user, I will be provided with customised coupons on my birthday.	5	Medium	MAYAVATHI,SOBIYA
Sprint-4	Shipping	USN-13	As a user, I will be able to view the estimated time of delivery	5	Medium	ELAKKIYA , MAYAVATHI
Sprint-4	Login (Administrator)	USN-14	As an admin, I can register for the application by entering my email, password, and confirming my password.	5	High	SOBIYA,GOBINATH
		USN-15	As an admin, I can check out the database about the stock and have a track of all the things that the users are purchasing	5	Medium	MAYAVATHI,SOBIYA

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 202	
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 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)

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

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts