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

Date	18 October 2022
Team ID	PNT2022TMID32851
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	Prithika T
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Indhumathi.A
Sprint-1		USN-3	As a user, I can register for the application through Gmail	2	Medium	Prithika.T
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	Bowshiya Rani.R
Sprint-2	Dashboard	USN-5	As a user, I will be go through the products available on the website	2	Medium	Indhumathi.A
Sprint-2	Accessing the Chatbot	USN-6	As a user, I will be directly talk to Chatbot regarding the products	2	High	Prithika.T
Sprint-2	Chatbot's Recommendation	USN-7	As a user, I will get a recommendation from the Chatbot	2	High	Keerthana.M
Sprint-3	Order Placement and Payment Method	USN-8	As a user, I can able to place order and choose payment method using Chatbot	1	High	Keerthana.M
Sprint-3	Authentication	USN-9	As a admin, the login credential of the user is authenticated my me.	1	Medium	Keerthana.M
Sprint-4	Updating	USN-10	As a admin, I can check out the database about the stock	2	Medium	Bowshiya Rani.R

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Tracking	USN-11	As a admin, I can track of all the things that the users are purchasing.	2	High	Bowshiya Rani.R

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		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	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