Project Design Phase-II
Data Flow Diagram & User Stories

Date	15th October 2022
Team ID	PNT2022TMID08162
Project Name	Project – SMART FASHION RECOMMENDER APPLICATION
Maximum Marks	4 Marks

Data Flow Diagrams:
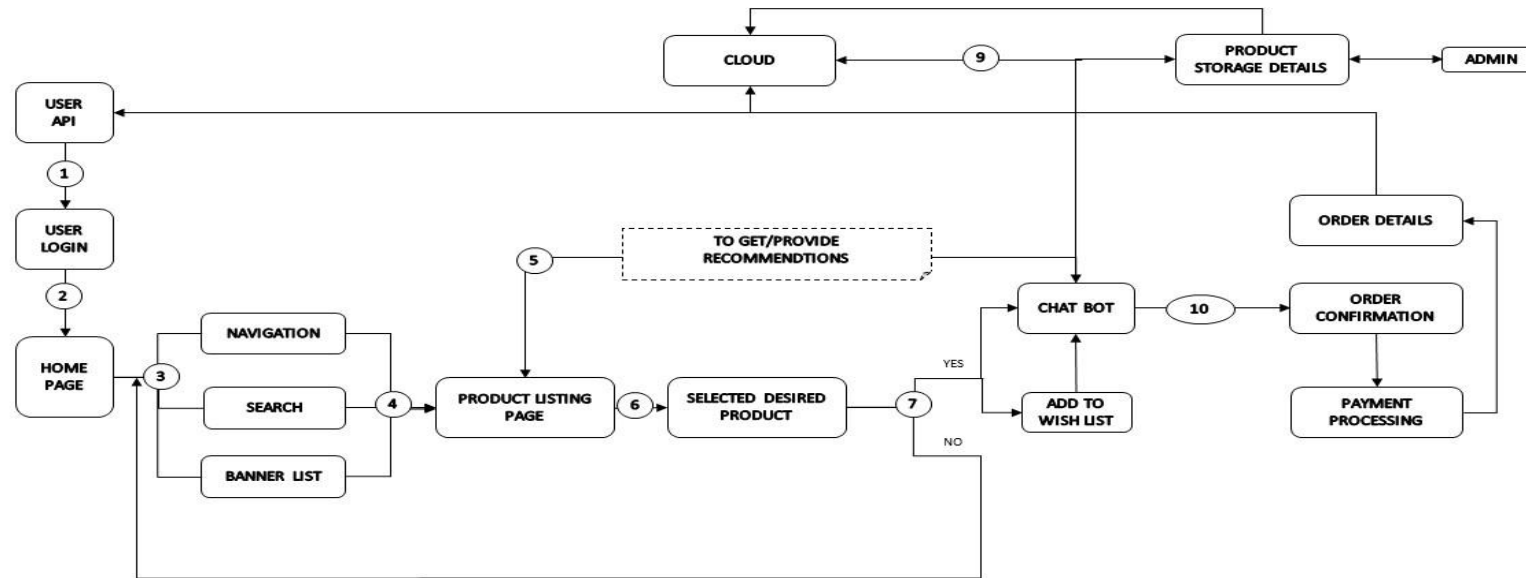
1) User Registration is done by filling forms.
2) After registration they enter the dashboard.
3) Dashboard display banner list and has search bar.
4) Then User views a particular brand page or Particular product.
5) They can make use of chat bot for easier recommendation of similar product that they viewed in before step or to get recommendation on Particular brand or to get information on best deals and offers etc.
6) Finally, the user is ready to buy a product.
7) If decision is made by user, he/she can either proceed or add those items to wish list, or if not decided then he/she can return to the initial process.
8) User can directly communicate with chatbot for further payment and product details.
9) That Product information is also stored in cloud for future recommendation purposes.
10) Chat bot itself redirects to payment gateway and once the product is booked the order and tracking details is provided to the user and stored in cloud for future purposes.

User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, and password and confirming my password.	I can access my account/dashboard	High	Sprint-1
		USN-2	As a user, I will receive a confirmation email once I have registered for the application.	I can receive a confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook.	I can register & access the dashboard with Facebook Login	Low	Sprint-4
		USN-4	As a user, I can register for the application through Gmail.	I can register & access the dashboard with Google Login	Medium	Sprint-1

		USN-5	As a user, I can register for the application through Twitter.	I can register & access the dashboard with Twitter Login	Low	Sprint 4
	Login	USN-6	As a user, I can log into the application by entering my email & password	I can access it whenever I want its access.	High	Sprint-1
	Dashboard	USN-7	As a user, I need to give permission to access My Contacts, Location, and Storage.	I get access to their services	Medium	Sprint-2
		USN-8	As a user, I get access to the dashboard which shows some trending items, banner lists	I can see the variety of fashion products on the dashboard.	high	Sprint-2
Administrator	Services	USN-9	As an admin, I need to have a track on database (Stock availability)	I can get the stock details.	High	Sprint-1
		USN-10	As an admin, I need to have a track on products that user is buying.	I can see similar products to my interest.	Medium	Sprint-2
		USN-11	As an admin, I need to provide appropriate recommendations based on user's interest through a chatbot.	I can navigate to desired product easily through recommendations.	High	Sprint-1
		USN-12	As an admin, I need to alert the user when there is price drop in the Wishlist products.	I will get a notification.	Medium	Sprint-3
		USN-13	As an admin, I need to direct them on easier payment process in chatbot itself.	Payment procedure made easy.	High	Sprint-3
	Data collections	USN-14	As an admin, I need to store all the user information on the cloud.	I can access my information when I needed.	High	Sprint-2
		USN-15	As an admin, I need to display the offers and best deals within the chatbot itself.	I can look whether the best deal comfort me.	Low	Sprint-4
		USN-16	As an admin, I need to provide valid product information.	I can buy some quality products on spending.	Medium	Sprint-3