

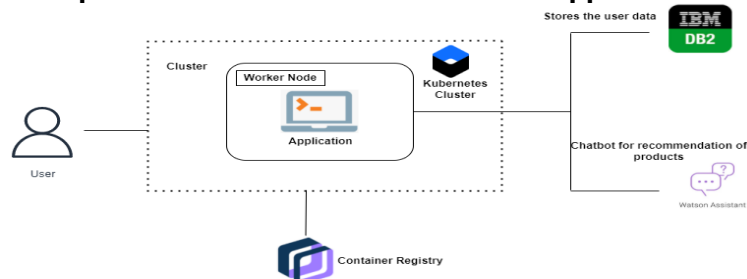
Project Design Phase-II Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID23067
Project Name	Project – Smart Fashion Recommender Application
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: Smart Fashion Recommender App



Two logins:

Admin: Used to manage the stock and track the orders in website

User: Login in to the page purchases and orders the product

IbmDb2: Used to store the huge chunks of product data in database

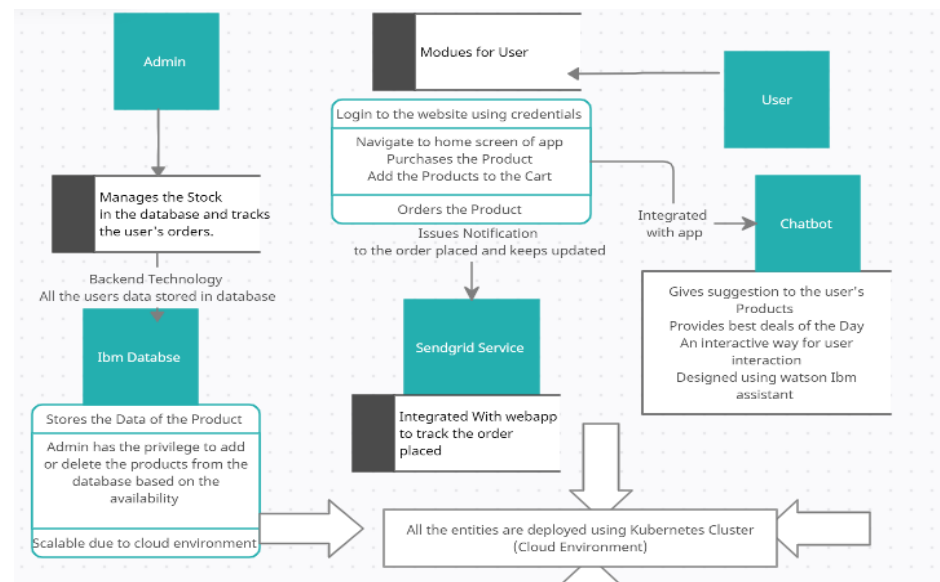
Cluster:

Used to Deploy Web app in cloud environment

Chatbot:

It is used to give recommendations to the user's favourite and suitable product

Example: DFD Level 0 (Industry Standard)



User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration of User	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
	Home Screen for User	USN-2	After Successful Login, User will go on to home page to start purchasing the product	Lists the all available clothing products in this module	Medium	Sprint-1
	Product Confirmation	USN-3	User places the order for purchased product and total amount is displayed	Price of a product is shown	High	Sprint-1
					High	Sprint-1
Administrator	Admin Role	USN-1	Manages the stock in the database and monitors the products in webapp	Monitoring of Activities going on webapp	High	Sprint-1
	Add product for Admin	USN-2	Admin has the privilege to add the products in database	Keeps the product page updated	Medium	Sprint-1
Chatbot Design	Chatbot	USN-1	It is integrated with user webpages to make an userfriendly environment.	Chatbot Most Respond Appropriately	Medium	Sprint-2
			It gives recommendations on the product and shows the best deals of the day			
Sendgrid Service	Sengrid Python	USN-1	It is integrated with User pages to issue notification to the order purchased and keep track on it	Tracking of product status should be notified	Medium	Sprint -2
Ibm Kubernetes Cluster	Kubernetes Cluster	USN-1	The webapp is deployed in cloud environment using Kubernetes Cluster	App compactivity and platform Independent should be ensured	High	Sprint-3