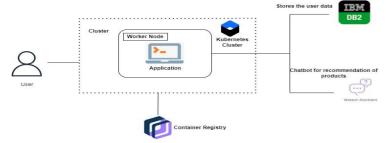
Project Design Phase-II Data Flow Diagram & User Stories

Date	04 November 2022		
Team ID	PNT2022TMID28917		
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

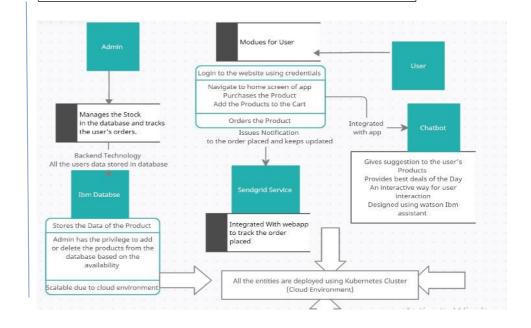
Cluster:

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.

Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user) Registration of USN-1 User	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 USN-3 Confirmation	User places the order for purchased product and total amount is displayed	Price of a product is shown	High	Sprint-1	
			High	Sprint-1	
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 USN-1 Design	It is integrated with user webpages to make an user-friendly environment.	Chatbot Most Respond Appropriately	Medium	Sprint-2	
		It gives recommendations on the product and shows the best deals of the day			
Sendgrid 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
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
	Requirement (Epic) Registration of User Home Screen for User Product Confirmation Admin Role Add product for Admin Chatbot Sendgrid Python	Requirement (Epic) Registration of USN-1 Home Screen for USN-2 User Product Confirmation Admin Role Add product for Admin Chatbot USN-1 Sendgrid Python USN-1	Requirement (Epic) Registration of User USN-1 Home Screen for Usn-2 Vser Home Screen for Usn-3 Vser Product Confirmation Admin Role Admin Chatbot USN-1 USN-1 As a user, I can register for the application by entering my email, password, and confirming my password. After Successful Login user will go on to home page to start purchasing the product Vser places the order for purchased product and total amount is displayed Admin Role USN-1 Manages the stock in the database and monitors the products in webapp Add product for Admin Chatbot USN-1 It is integrated with user webpages to make an user-friendly environment. It gives recommendations on the product and shows the best deals of the day Sendgrid Python USN-1 It is integrated with User pages to issue notification to the order purchased and keep track on it Kubernetes Cluster VSN-1 The webapp is deployed in cloud environment	Requirement (Epic) Registration of Usn-1 User Home Screen for Usn-2 User After Successful Login user will go on to home page to start purchasing the product and total amount is displayed Admin Role Admin Role Admin Role Chatbot Usn-2 Admin has the privilege to add the product in integrated with user webpages to make an user-friendly environment. It is integrated with user webpages to issue notification to the order purchased and keep track on it Kubernetes Cluster Number As a user, I can register for the application by entering my email, password, and confirming of dashboard I can access my account / dashboard I can acces my account / dashboard I con in this module I cothing products in the all available clothing products in this module I can acces my account / dashboard I cothing product in the all available clothing product in the access for purchased and module I cothing product in the access full as hour product and shows the best deals of the day I can access my account / dashboard I it is integrated with user webapes to make an access my acc	Requirement (Epic) Registration of USN-1 As a user, I can register for the application by entering my email, password, and confirming my password. High