

Project Design Phase-II Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID08600
Project Name	Inventory Management System for Retailers
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.

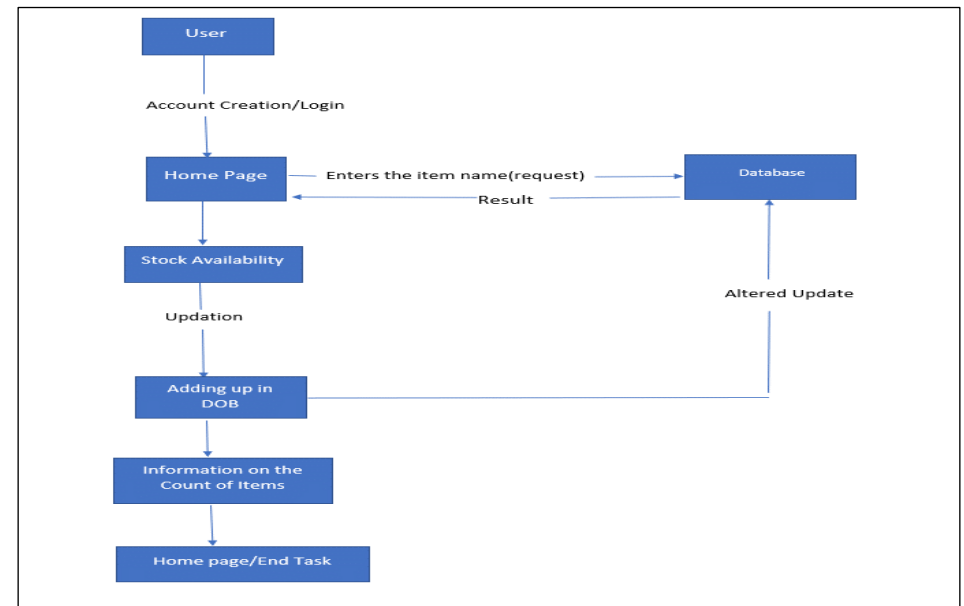
Example: (Simplified)

Flow



1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

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
Retailer(user)	Registration/Login	USN-1	I can register/login to the application by providing credentials.	Verification email will be sent	High	Sprint-1
	Homepage	USN-2	Choose the Stock availability tab	As a user,I can check the stocks for its availability	High	Sprint-1
		USN-3	As a registered user, I can monitor the stocks that are added into the Database.	Stock/Item monitoring is done as a whole	High	Sprint-3
	Dashboard	USN-4	Being a retailer,I can add or remove the stocks status in the Database	Altering and updation into the database is done.	High	Sprint-4