

Project Design Phase-II Data Flow Diagram & User Stories

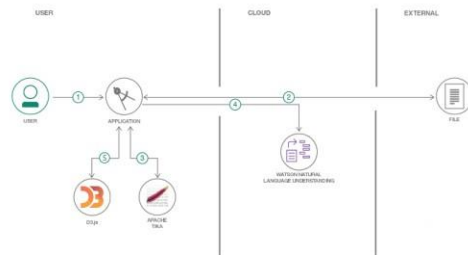
Date	03 October 2022
Team ID	PNT2022TMID30659
Project Name	AI-Powered Nutrition Analyzer For Fitness Enthusiasts
Maximum Marks	4 Marks

Data Flow Diagrams:

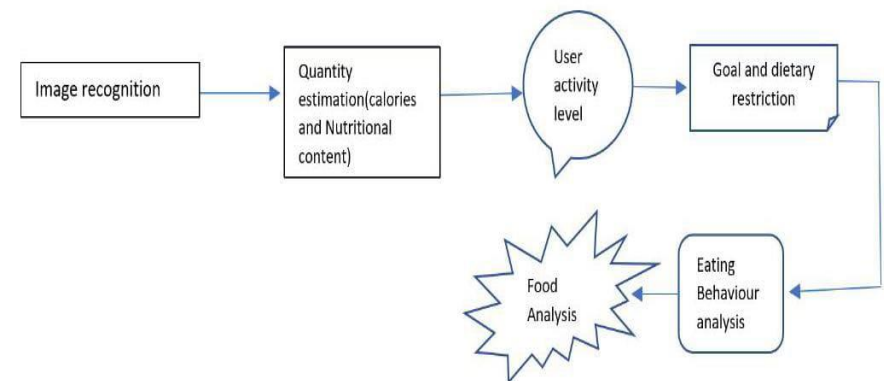
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

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.



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	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
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive 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-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-6	Not Required		Medium	Sprint-2
Customer (Web user)	Data Setup	USN-7	As a User, I will enter my Data's which includes Height, Weight, Age & Gender ..	I can include the data contents in the application	High	Sprint-2
Customer Care Executive	Queries	USN-8	As a User, I can raise and submit their queries in the Q&A section	I can raise the queries how to use the application in Q&A.	Medium	Sprint-1
Administrator	Diet Chart	USN-9	User can customize the Diet chart based upon their Maintenance calorie.	I can customise the diet chart.	High	Sprint-2
	Liquid Intake	USN-10	User can add the amount water they consume and get the hourly remainder to consume water	I can get the hourly remainder to consume water	Medium	Sprint-1
	Workout	USN-11	I can add the customized workout to do on the daily basis.	I can the daily workout session.	High	Sprint-1
	Community Chart	USN-12	User can create a community and chat with them accordingly	I can interact with other users.	Medium	Sprint-2