

## Project Design Phase-II

### Data Flow Diagram & User Stories

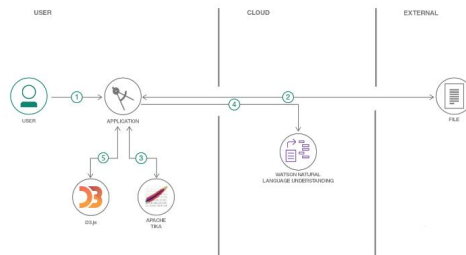
Date	03 October 2022
Team ID	PNT2022TMID08568
Project Name	Project - PERSONAL EXPENSE TRACKER APPLICATION
Maximum Marks	4 Marks

### 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.

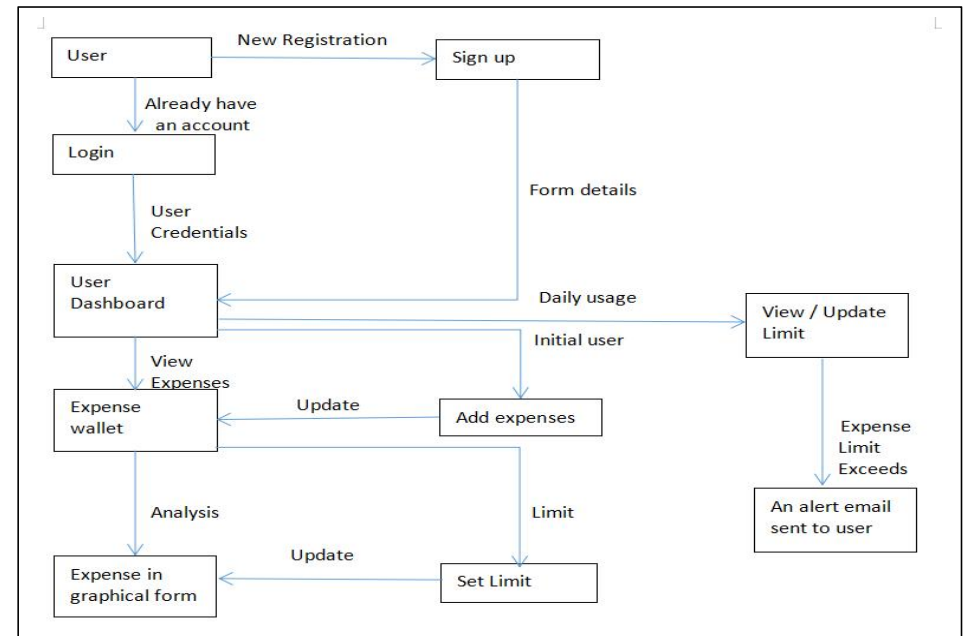
**Example: (Simplified)**

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
Customer (web user)	Sign up	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	High	Sprint-1
	Login	USN-2	As a user, I can log into the application by entering email & password	I can access my account	High	Sprint-1
	Dashboard	USN-3	As a view,I can view user's basic informations	I can access my dashboard	Medium	Sprint-2
	Expense wallet	USN-4	As a user,I can view expenses,add/update expenses and view it in graphical form of analysis about the daily expenses.	I can access my expense wallet	High	Sprint-2
	Expense limit	USN-5	As a user,I can set limit to my daily expenses and keep track of it.	I can access my Limit page	High	Sprint-3
	Email	USN-6	As a user,when my expenses exceeds the limit,I get the email alert.	I can limit my expenses by accessing it through email	High	Sprint-4