

## Project Design Phase-II Data Flow Diagram & User Stories

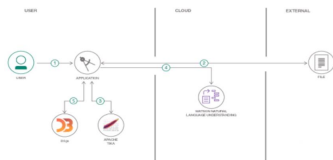
Date	03 October 2022
Team ID	PNT2022TMID32657
Project Name	Project - PERSONAL EXPENSE TRACKER APPLICATION
Maximum Marks	4 Marks

### 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.

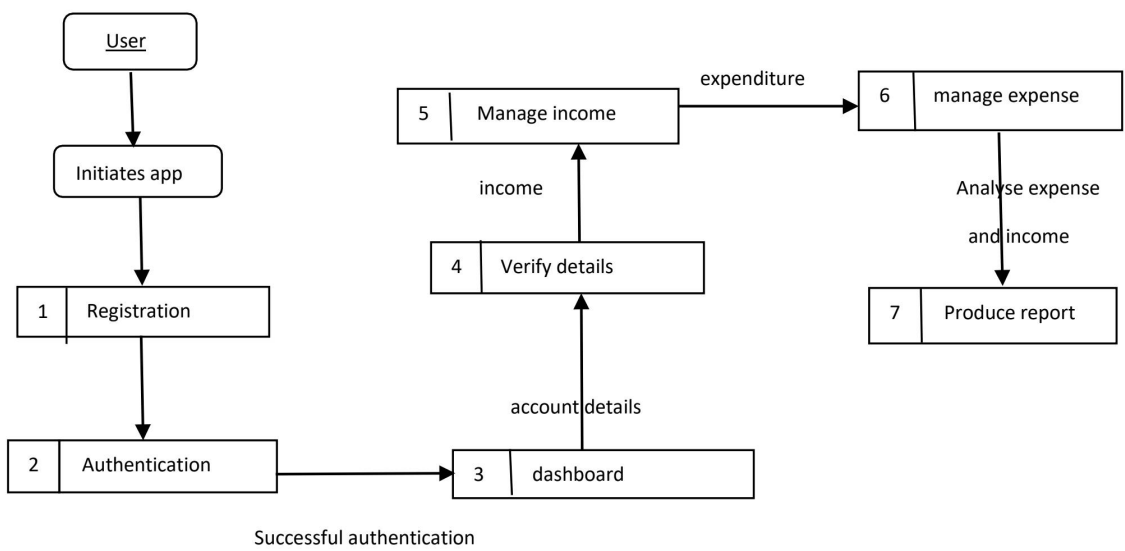
### Example: [\(Simplified\)](#)

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.

Data Flow Diagram



## 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	I can register & access the dashboard with Gmail Login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can get a detailed report	High	Sprint-1
	Dashboard	USN-6	As a user, I can upload my income and expenditure to get a detail report.	I can get my detailed report	High	Sprint-1
Customer (Web user)	Registration	USN-7	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
Customer Care Executive	Communicate customer	USN-8	As a customer care executive, I can able to address customer issues and resolve them in timely and efficient manner	I can solve the customer problem	High	Sprint-1
Administrator		USN-9	As a system administrator I want to be able to configure user settings so that I can control access	I can access my user details	Low	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Personel expense tracking application)	Identify skills	USN-10	As a user ,I am able to identify our skills and eligibility	I can able to identify the skills	High	Sprint-1
	Produce details of income and expenditure	USN-11	As a user, I am able to produce the required details	I can produce details	High	Sprint-1