

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

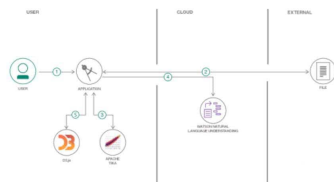
|               |                                    |
|---------------|------------------------------------|
| Date          | 14 October 2022                    |
| Team ID       | PNT2022TMID29248                   |
| Project Name  | Project - Personal Expense Tracker |
| Maximum Marks | 4 Marks                            |

### 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.

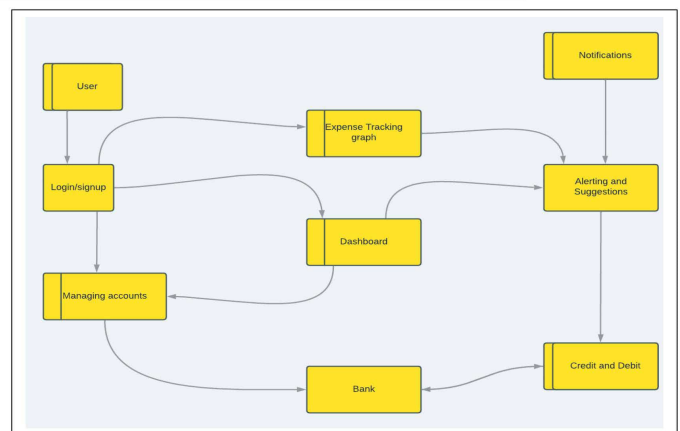
### Example: [\(Simplified\)](#)

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 (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 Social media accounts                               | I can register & access the dashboard with Social media Login | Low      | Sprint-2 |
|                         | Login                         | USN-4             | As a user, I can log into the application by entering email & password                                    | I can access my account / dashboard                           | High     | Sprint-1 |
|                         | Dashboard                     | USN-5             | Once logged in , based on user's expenses and data records , graphical representation is achieved         | I can view my updated dashboard                               | High     | Sprint-2 |
|                         | Financial account             | USN-6             | As a user, I can add and remove any financial accounts  | I can manage financial accounts                               | High     | Sprint-2 |
|                         | Notifications                 | USN-7             | As a user, I can receive alerting notifications on untracked expenses                                     | Untracked expenses are alerted                                | High     | Sprint-3 |
|                         |                               | USN-8             | As a user, I can receive suggesting notifications for saving and earning money                            | Suggestions are notified                                      | Low      | Sprint-3 |
|                         | Security                      | USN-9             | As a user, I am assured for linking my financial accounts securely  | Security is assured   | High     | Sprint-4 |
|                         | Customer care                 | USN-10            | As a user, I can access the customer care for any queries and issues regarding the applications           | 24/7 customer care support is provided                        | Low      | Sprint-4 |
| Customer Care Executive |                               |                   |   |   |          |          |