

## Project Design Phase-II

### Data Flow Diagram & User Stories

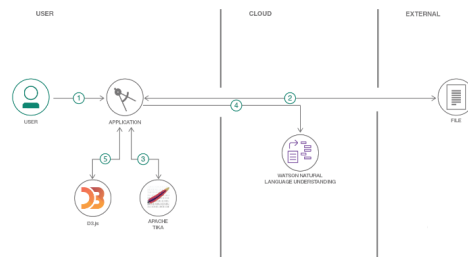
Date	21 October 2022
Team ID	590943
Project Name	ChatConnect - A Real-Time Chat And Communication App
Maximum Marks	4 Marks

### 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.

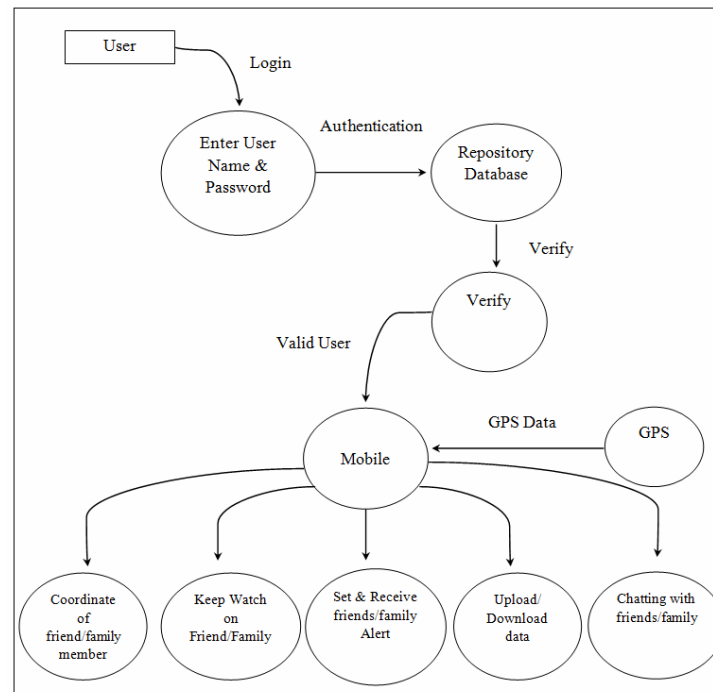
### Example: [\(Simplified\)](#)

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 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 by connecting my Gmail account and access the dashboard.	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can log in with correct credentials and access the app.	High	Sprint-1
	Dashboard			I can view my chat history, contacts, and user settings.		
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 receive a confirmation email, click confirm, and access the app.	High	Sprint-1
		USN-2	As a user, I will receive a confirmation email once I have registered for the application.		High	Sprint-2
	Dashboard	USN-3	I can view my chat history, contacts, and user settings.	I can register by connecting my Gmail account and access the dashboard.	Medium	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer Care Executive	Chat Management	USN-4	As a customer care executive, I can view and manage customer chats.	I can see a list of customer chats, reply to them, and mark them as resolved.	High	Sprint-3
		USN-5	I can search for specific customer chats based on user details or keywords.	I can search and filter customer chats effectively.	Medium	Sprint-3
Administrator	User Management	USN-6	As an administrator, I can manage user accounts, including creating, updating, and deleting them.	I can add, edit, and remove user accounts.	High	
		USN-7	I can view and export user activity and usage reports.	I can generate and download user activity reports.		