

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

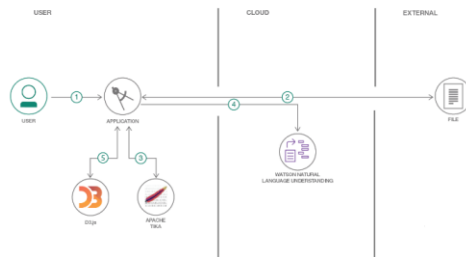
Date	03 October 2022
Team ID	PNT2022TMIDB8-2A4E
Project Name	Project – Sill/ Job recommender
Maximum Marks	4 Marks

### 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.

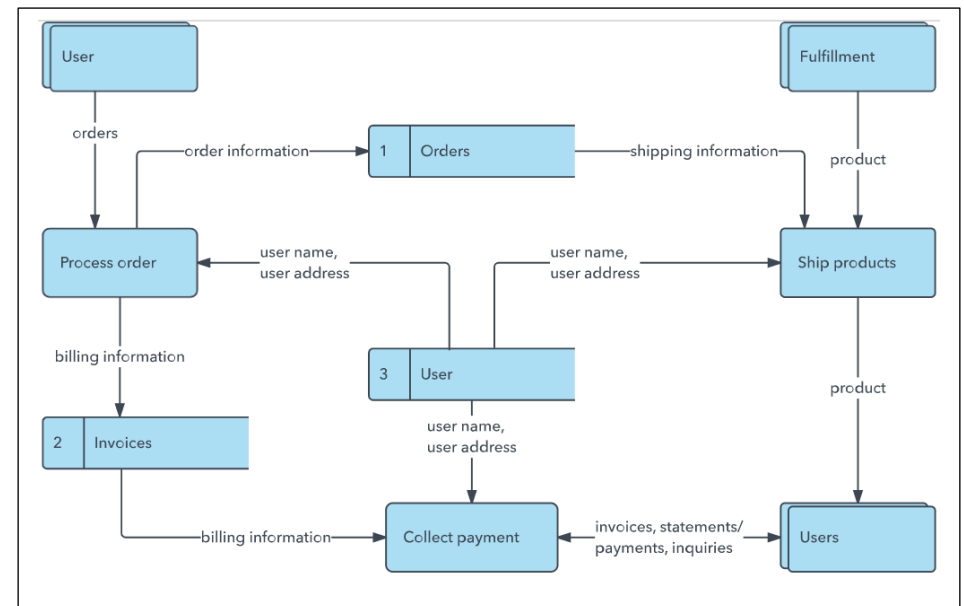
#### Example: (Simplified)

Flow

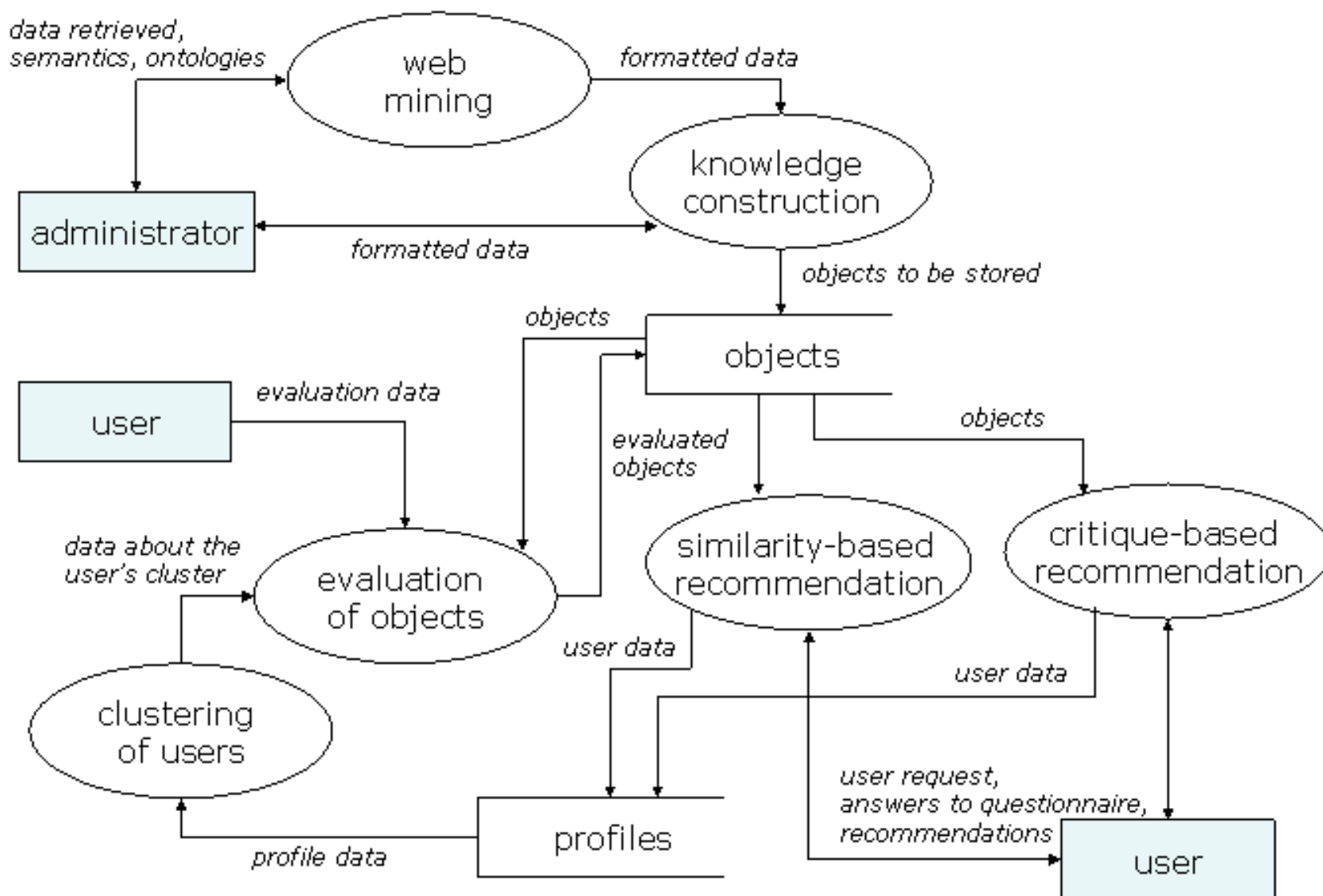


1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

#### Example: DFD Level 0 (Industry Standard)



### Data Flow Diagram of Skill/ Job recommender



## User Stories

Skills/ Job recommender system

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
User of the Application	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	As a user they can enter all their information and register them	Their information is stored in database	High	Sprint-2
		USN-7	User should enter all the skills they posses		High	Sprint-2
Chat Bot		USN-8	User can interact and they can get replies to all their queries	AI bot is developed	High	Sprint-3
		USN-9	The bot requests for their skills and the job description that matches them are pulled		High	Sprint-3
		<u>USN-10</u>	User can find their applicable jobs for the skills they posses		High	Sprint-3
Administrator		USN-11	The jobs descriptions are stored		High	Sprint-4
		USN-12	The users queries are sorted	Queries are recognised	High	Sprint-4