

Project Design Phase-II
Data Flow Diagram & User Stories

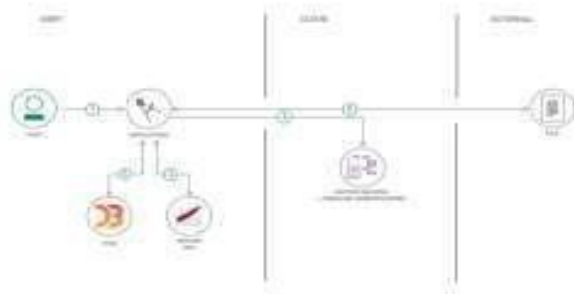
Date	11 OCTOBER 2022
Team ID	PNT2022TMID13534
Project Name	Skill / Job Recommender
Maximum Marks	4 Marks

Data Flow Diagrams:

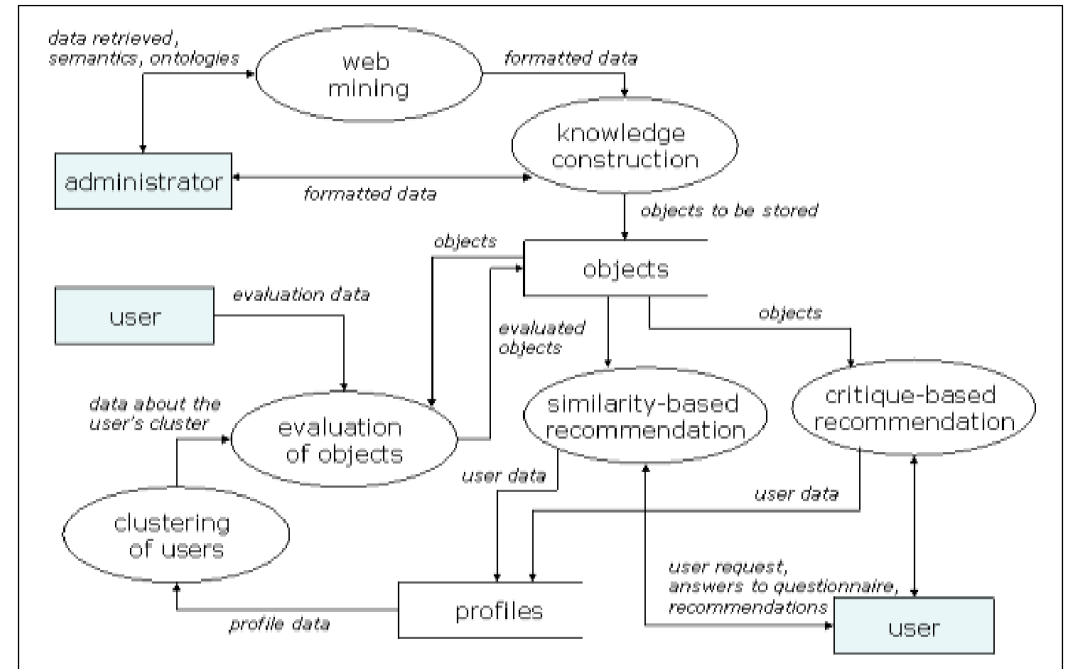
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

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.



User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Job Seeker	Increase the personal skill and technical skill	USN-1	As a job seeker I can register and this application by providing the details like my email, passwords	I can have the access control on my account and other features	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		As a user, I can login and chat with the chatbot			
Customer (Web user)	Registration	USN-7	As a user, I can log on and register the application for the services being provided	I can access my account / dashboard	High	Sprint-1
		USN-8	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
	Login	USN-9	As a user, I can log into the application by entering email & password	I can log on to the application through email id and password	High	Sprint-1
Customer Care Executive	Should Regularize the Send grid service	USN-10	As an executive and service operator of the service they should make sure that service provided are properly send and received by the user.		High	Sprint-2
	Should monitor the chatbot regularly whether working or not	USN-11	As an executive to provide a quality-based service chatbot is important for assisting if any assistance is needed for the user		High	Sprint-2