

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

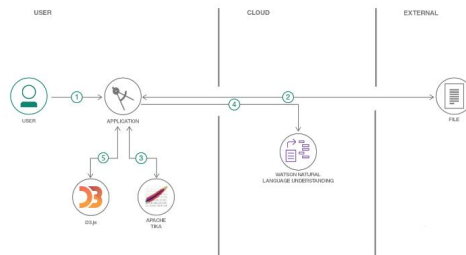
Date	31 January 2025
Team ID	
Project Name	SmartResume Generator: Customized Resumes for Every Opportunity
Maximum Marks	4 Marks

### 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.

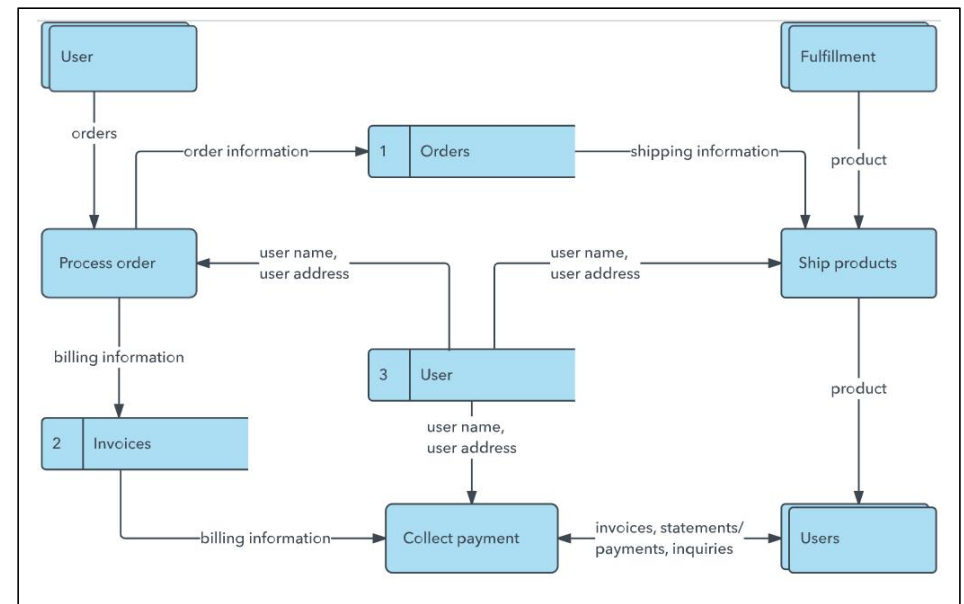
#### Example: (Simplified)

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: Job Seeker (Web User)

Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Input Details	US-1	As a user, I can input my personal details.	Inputs are saved and ready for processing.	High	Sprint-1
	US-2	As a user, I can add work experience and education details.	Details are reflected correctly in the final resume.	High	Sprint-1
Resume Generation	US-3	As a user, I can generate resumes based on my inputs.	Resume is generated and displayed in less than 5 seconds.	High	Sprint-1
Template Selection	US-4	As a user, I can select a preferred resume template.	Selected template is applied correctly to the resume.	Medium	Sprint-1
Download Resume	US-5	As a user, I can download my resume in PDF format.	PDF is downloaded without errors.	High	Sprint-2
	US-6	As a user, I can download my resume in DOCX format.	DOCX is downloaded without errors.	Medium	Sprint-2

### User Type: Administrator

Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
System Security	US-7	As an admin, I can store API keys securely in environment vars.	API keys are encrypted and inaccessible to others.	High	Sprint-1