

Project Design Phase-II Data Flow Diagram & User Stories

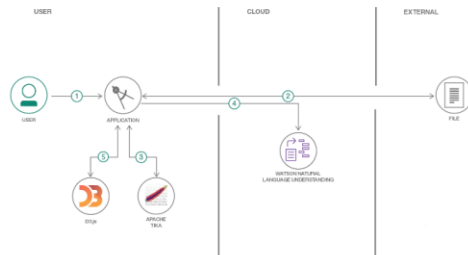
Date	31 January 2025
Team ID	PNT2025TMID01602
Project Name	Smart Resume Generator
Maximum Marks	4 Marks

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.

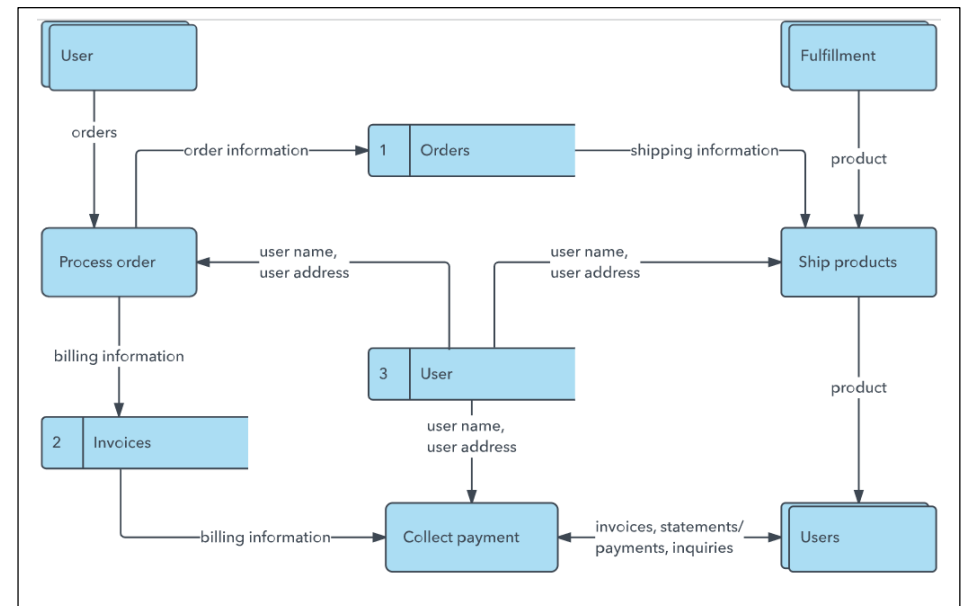
Example: (Simplified)

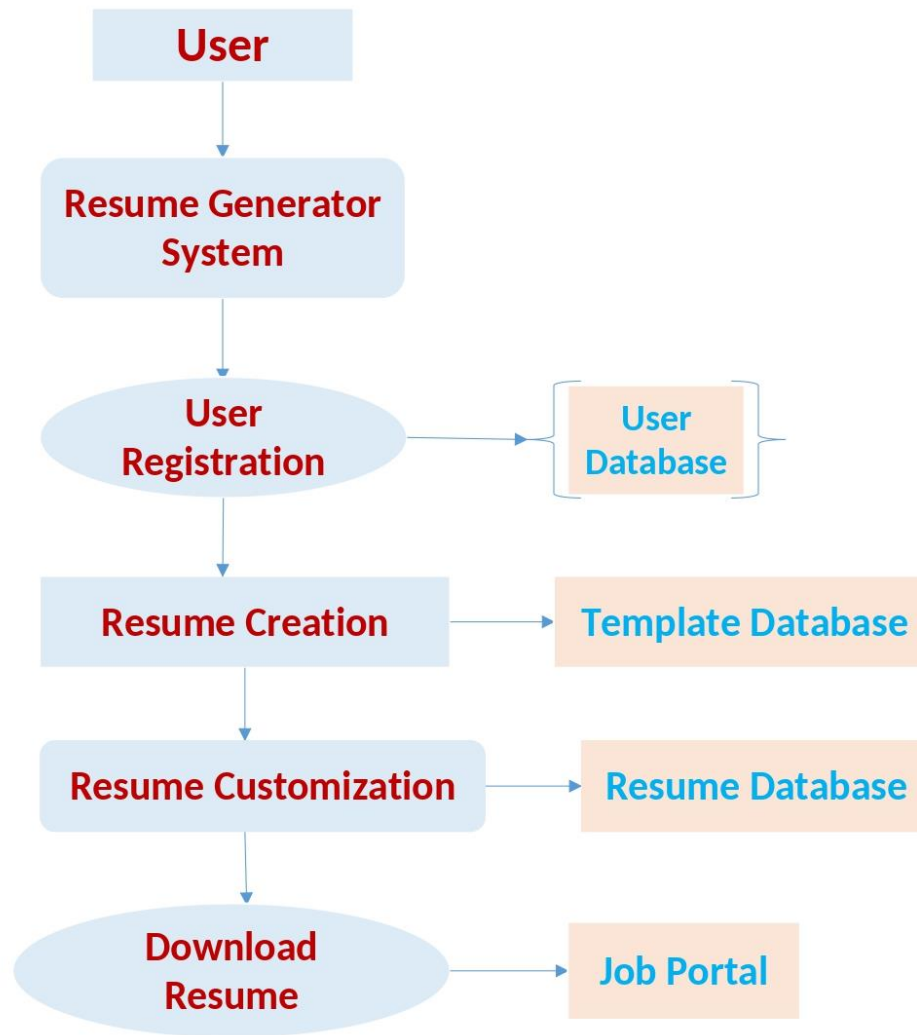
Flow



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 and access the dashboard using my LinkedIn account.	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can access my account/dashboard after logging in.	High	Sprint-1
	Resume Creation	USN-6	As a user, I can input my skills, experience, and education details to create a resume.	I can see a draft resume generated based on my input.	High	Sprint-2
		USN-7	As a user, I can select a professional resume template from a list of options.	I can preview and apply the selected template to my resume.	Medium	Sprint-2
		USN-8	As a user, I can use AI-based keyword optimization to improve my resume.	I can see keyword suggestions and apply them to my resume.	High	Sprint-3
	Resume Customization	USN-9	As a user, I can tailor my resume for specific job roles.	I can add/remove sections and edit content based on the job description.	High	Sprint-3
		USN-10	As a user, I can receive real-time suggestions to improve my resume content.	I can see suggestions for grammar, style, and keyword optimization.	Medium	Sprint-3
	Resume Export	USN -11	As a user, I can download my resume as a PDF or DOCX file.	I can download and save my resume in the desired format.	High	Sprint-4

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-12	As a user, I can share my resume via email or a link.	I can generate a shareable link or send my resume directly via email.	Medium	Sprint-4
	Dashboard	USN-13	As a user, I can view all my saved resumes in one place.	I can see a list of my resumes and select one to edit or download.	High	Sprint-2
		USN -14	As a user, I can track the performance of my resume (e.g., ATS score).	I can see a score or feedback on how well my resume is optimized for ATS.	Medium	Sprint-5
Administrator	User Management	USN-15	As an admin, I can view and manage all user accounts.	I can access a list of users and perform actions like blocking or deleting accounts.	High	Sprint-1
	Template Management	USN-16	As an admin, I can add, edit, or delete resume templates.	I can update the template database with new designs or remove outdated ones.	Medium	Sprint-2