

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

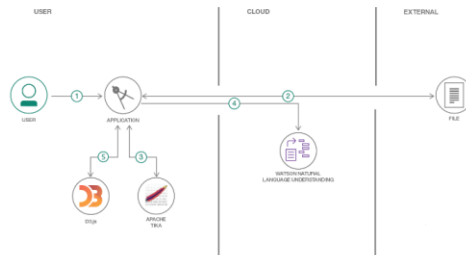
Date	06 May 2023
Team ID	NM2023TMID01136
Project Name	Airline passenger satisfaction

### 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.

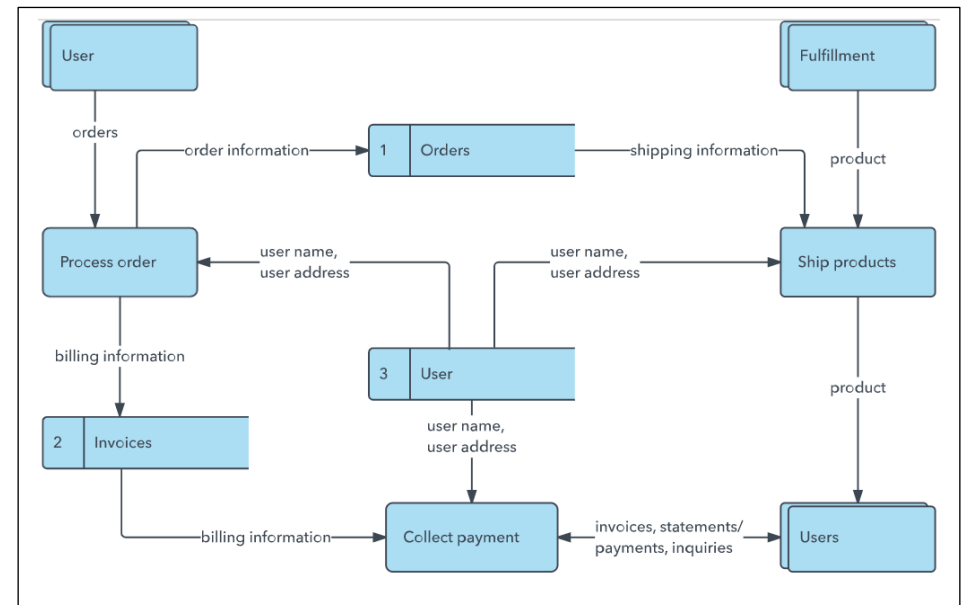
#### Example: (Simplified)

Flow

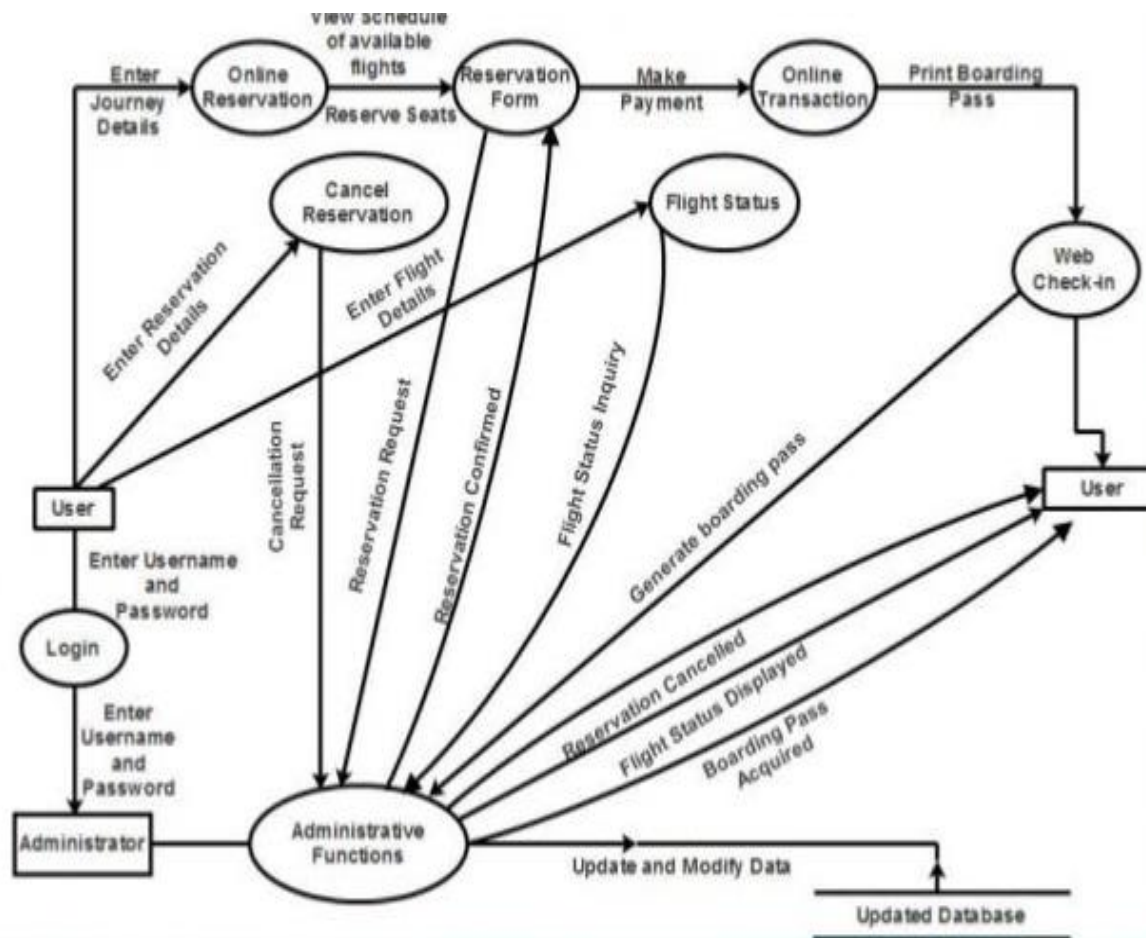


1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using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

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



## DATA FLOW DIAGRAM FOR THIS PROJECT:



## 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	Team Member
Post flight feedback	Feedback collection	USN-1	Passengers should be able to easily provide feedback about their flight experience through a user-friendly interface. This can involve filling out a survey, rating specific aspects of the flight, or providing written comments. The task should be intuitive, accessible, and efficient for passengers to complete.	Passengers can easily access and navigate the feedback submission platform (e.g., web portal, mobile application, email survey).	High	Priyadharshini J,Sarika S,Tharanivarsha R S,Jeyamurugan S,Jeeva K,Kamaleshwaran P
Booking Customer	Flight search and availability	USN-2	Users can select their preferred seats on the chosen flight. Users can view an interactive seat map that displays available and occupied seats, allowing them to choose their desired seating arrangements.	Users receive a booking confirmation immediately after completing the transaction, either on the website or via email.	High	Priyadharshini J,Sarika S,Tharanivarsha R S,Jeyamurugan S,Jeeva K,Kamaleshwaran P