

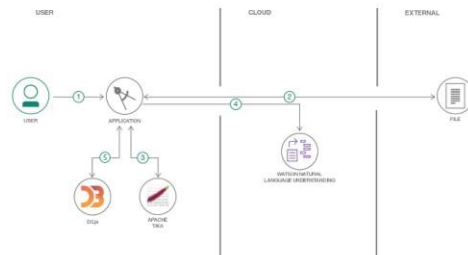
## Project Design Phase-II Data Flow Diagram & User Stories

|               |                                   |
|---------------|-----------------------------------|
| Date          | 23 October 2022                   |
| Team ID       | 591272                            |
| Project Name  | Project Tata power stock analysis |
| Maximum Marks | 4 Marks                           |

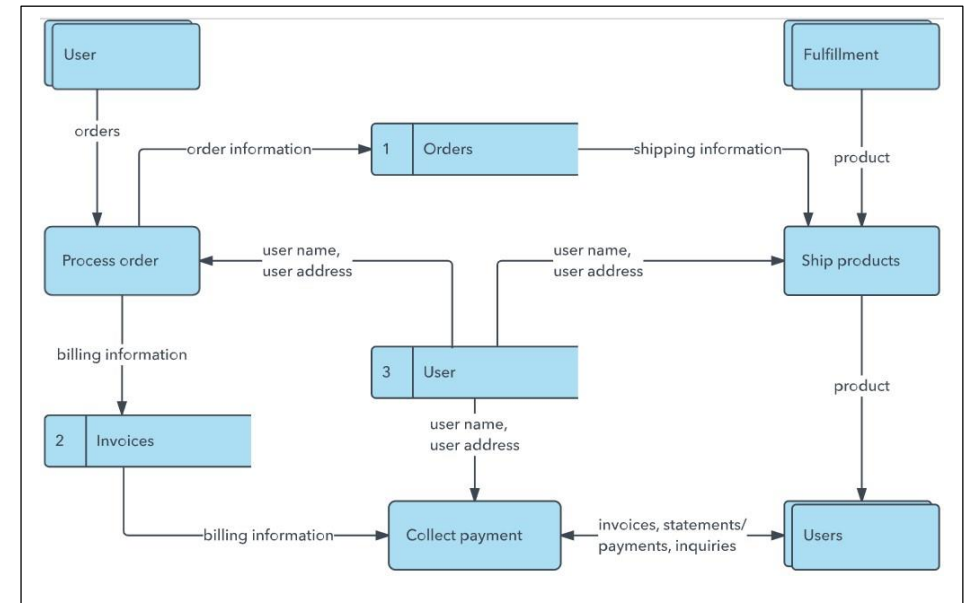
### Data Flow Diagrams:

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 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   |   | Medium   | Sprint-1 |
|                         | Login                         | USN-5             | As a user, I can log into the application by entering email & password                                    |   | High     | Sprint-1 |
|                         | Dashboard                     |                   |   |   |          |          |
| Customer (Web user)     |                               |                   |   |   |          |          |
| Customer Care Executive |                               |                   |   |   |          |          |
| Administrator           |                               |                   |   |   |          |          |
|                         |                               |                   |   |   |          |          |
|                         |                               |                   |   |   |          |          |
|                         |                               |                   |   |   |          |          |