# Project Design Phase-II
# Data Flow Diagram & User Stories
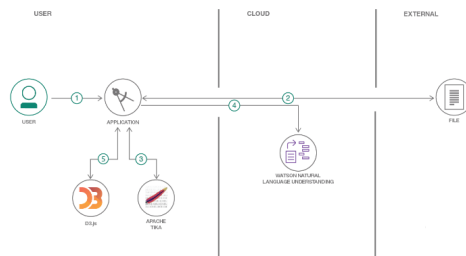
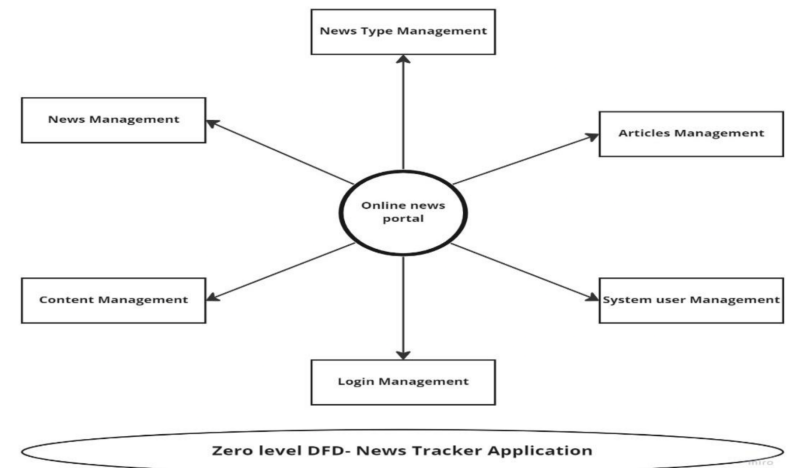| Date | 20 October 2022 |
|---|---|
| Team ID | PNT2022TMID19738 |
| Project Name | News Tracker Application |
| Maximum Marks | 4 Marks |

**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.



Zero level DFD- News Tracker Application

**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 |
| Customer (Mobile user) | Registration | 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 |
| Customer (Mobile user) | Registration | 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 |
| Customer (Mobile user) | Registration | USN-4 | As a user, I can register for the application through Gmail | I can register & access the dashboard with Gmail Login | Medium | Sprint-1 |
| Customer (Mobile user) | Login | USN-5 | As a user, I can log into the application by entering email & password | I can register & access the dashboard with registered mail Id and password | High | Sprint-1 |
| Customer (Mobile user) | Dashboard | USN-6 | Feeds on the basis of user interest | I can see news based on my interest | Medium | Sprint 1 |
| Customer (Web user) | Browsing | USN-7 | Ability to browse on a news topic | I can search for a news | Medium | Sprint 1 |
| Administrator | Validation | USN-8 | Maintain and prevent fake news | I can validate the news | High | Sprint 1 |
| Administrator | Login | USN-9 | Login functionality in browser | I can login to my account | High | Sprint 1 |