# Project Design Phase-II

**Data Flow Diagram & User Stories**

|  |  |
| --- | --- |
| **Date** | 17 October 2022 |
| **Team ID** | PNT2022TMID11825 |
| **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:

**Input Data**

**Data Stored**

**in Database**

**User**

**Request**

**Processing**

**Request**

**Dataflow Diagram**

**Storage Image**



**Ask data**

## IBM Object Storage

**News API**

**Sent text data**

**Send requested Data**

**Ask For Image**

**Available**

**Fetch From API**

**DB**

**Not Available**

**Sent data**

**Check News**

**Check** **DB**

# Server.

**py Sent Response**

**Send methodwith params**

**End**

**Send’s Request**

**User**

## 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 & access the dashboard with Gmail Login | Low | Sprint-2 |
|  | Login | USN-5 | As a user, I can log into the application by entering email & password | I can view all types of information through this application | High | Sprint-1 |
|  | Dashboard | USN-1 | As a user, I can log into the application and look into my dashboard | I can Look into My Dashboard After my login | Low | Sprint-1 |
|  |  | USN-2 | As a user, I can log into the application and update my personal data | I can View the personal data which can be updated by the user | Low | Sprint-2 |
|  |  | USN-3 | As a user, I can log into the application and read news based on my filter contents | News contents are filtered based on the user needs | High | Sprint-1 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **User Type** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Acceptance criteria** | **Priority** | **Release** |
| Customer (Web user) | Login | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password through web applications such as Chrome, Firefox, brave, Operamini etc. | I can access my account / dashboard | High | Sprint-1 |
| Customer Care Executive | Dashboard | USN-1 | As a user, I can Report to the customer service about the error or doubt of the application by calling to the customer service which is provided in the application help box | I can report to the customer service if I am facing an issue or I didn’t know anything about the application | High | Sprint-1 |
|  |  | USN-2 | As a user, I can Report to the customer service about the error or doubt of the application by emailing to the customer service which is provided in the application help box | I can report to the customer service if I am facing an issue or I didn’t know anything about the application | High | Sprint-1 |
| Administrator | Application | USN-1 | Application administrator will rectify the error caused in the application as soon as possible and provide a patch update in order to have an error free software | I can report to the customer service what the issue has been faced and they might rectify by releasing patch updates | High | Sprint-1 |