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

| Date         | 01 Nov 2023                              |
|--------------|--|
| Team ID      | NM2023TMID04516                          |
| Project Name | How to Add google Analytics to a Website |

## **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.

## Data Flow diagram:



## **USER STORIES:**

| User Type       | Functional<br>Requirement<br>(Epic)         | User Story<br>Number | User Story /   | Acceptance criteria   | Priority | Team<br>Member     |
|-----------------|---|----------------------|--|---|----------|--------------------|
| Website Owner   | Integration of Google<br>Analytics Tracking | US001                | As a Website Owner, I want to integrate Google Analytics tracking code into my website to monitor user behavior. | 1. Access Google Analytics dashboard. 2. Generate tracking code. 3. Integrate tracking code into website's HTML.    | High     | Aashiq<br>Elahi    |
| Website Visitor | Tracking of Page Views and<br>Interactions  | US002                | As a Website Visitor, I want my interactions with the website to be tracked for analytics purposes               | 1. Access Google Analytics dashboard. 2. Generate tracking code. 3. Integrate tracking code into website's HTML.    | High     | Vijayananth        |
| System          | Data Processing and Storage                 | US003                | As the System, I need to process and store data sent from the website to Google Analytics.                       | Access Google     Analytics dashboard.     Generate tracking code.     Integrate tracking code into website's HTML. | high     | Mohammed<br>parvez |
| Analytics User  | Access to Analytics<br>Dashboard            | US004                | As an Analytics User, I want to access the Google Analytics dashboard to view website performance                | 1. Log in to Google Analytics account. Navigate to the specific website's analytics dashboard.                      | medium   | Jeeva<br>Ananth    |