# Project Design Phase-II

**Data Flow Diagram & User Stories**

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| --- | --- |
| Date | 03 October 2022 |
| Team ID | PNT2022TMID37397 |
| Project Name | Nutrition Assistant 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.

# User

**New User**

**Existing User**

**BMI Calculation**

**Profile Updation**

**Registration**



**Checking E-mail and Password**

**DataBase**

**Identifies**

**nutritional value**

**Identifies**

**food**

**Nutrition API**

**Clarifai API**

**Display**

**Capture / Upload meal image**

**Login**

**Dashboard**

## User Stories

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **User Type** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Acceptance criteria** | **Priority** | **Release** |
| Customer | Registration | USN-1 | As a user, I can register for the application by entering my Name, Age, Gender, E-mail, 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 |
|  | Profile updation | USN-3 | As a user, I have to enter my height, weight and daily activity details. | I can update these information on Dashboard. | High | Sprint-1 |
|  | Login | USN-4 | As a user, I can login to the application by entering E-mail and password. | I can access my account/ dashboard. | High | Sprint-1 |
|  | Dashboard | USN-5 | As a user, I can upload or capture live image of the meal | I can get the nutritional value of that particular meal. | High | Sprint-2 |
|  |  | USN-6 | As a user, I can track my daily calorie intake. | I can access my account/ Dashboard. | Medium | Sprint-2 |
| Administrator | Maintain the Application | USN-7 | Maintaining details for users. | I can access database. | High | Sprint-3 |