**Project Design Phase-II**

**Data Flow Diagram & User Stories**

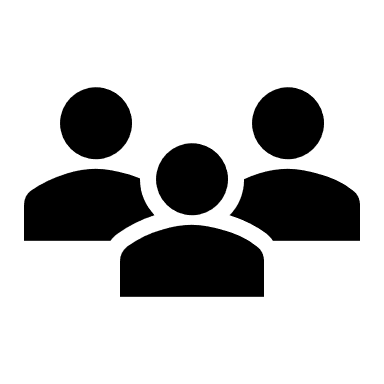
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| --- | --- |
| Date | 03 October 2022 |
| Team ID | PNT2022TMID12518 |
| Project Name | Project - Nutrition Assistant Application |
| Maximum Marks | 4 Marks |

**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.

**DFD:**

Uploads the food photo

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Stores the photo of food intake in db2

Our system calculates the nutritional intake.

Register

Login

USER

Generates response

****

DB2

Stores the response generated

**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 |
|  | Login | USN-3 | As a user, I can access the application and see my previous photos and responses. | Photos and responses will be stored in DB2 | Medium | Sprint-2 |
|  | Upload Photo | USN-4 | As a user, I can upload the photo content that I am going to intake. | Scan the photo to look into the food items and get the nutritional score. | High | Sprint-1 |
|  | Get responses | USN-5 | As a user, I can get the response from the system i.e. the nutritional value, similarly I can follow the diet plans. | Outputs the nutritional value from photo and stores it in DB2 | High | Sprint3 |
|  | Logout | USN-6 | As a user, I can log out of the application. |  | High | Sprint-1 |