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

|  |  |
| --- | --- |
| Date | 3 October 2022 |
| Team ID | PNT2022TMID36311 |
| Project Name | Nutrition Assistant Application |
| Maximum Marks |  |

**Data Flow Diagrams:**

A Data Flow Diagram is a way of representing a flow of data through a process or a system . A Data Flow Diagram is a traditional visual representation of the information flow within a system.it shows how data enters and leaves the system, what changes the information ,and

where data is stored.

Yes

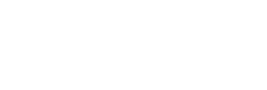
No

Yes

No

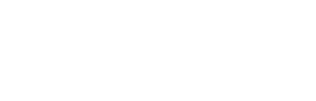


Images



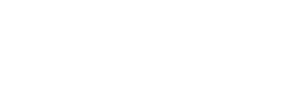
Image

transformation



Food

Recognition



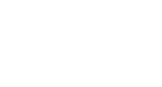
Contour

Recognition



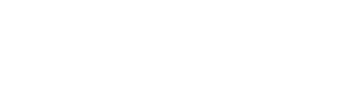
Correct

obtained



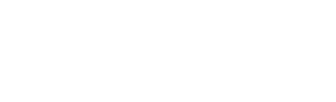
Correct

obtained



Nutrition info retrieval

& calculation



Store information



Show result

**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 | Registration | USN-1 | As a user, I can register for the application by  entering my name, e-mail and password. | I can access my account / dashboard. | High | Sprint-1 |
|  | 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. | Medium | Sprint-1 |
|  | Login | USN-3 | As a user, I can login to the application through e mail and password. | I can access my account /dashboard. | Medium | Sprint-2 |
|  | Database | USN-4 | As a user, I can upload image of the meal. | I can get the nutritional value of that particular meal. | High | Sprint-3 |
| Administrator | Maintaining details for users | USN-5 | Maintaining details for users. | I can access database. | High | Sprint-4 |
|  | Security | USN-6 | As a user, I feel the site is very secure. | I can access my account  with my login credentials. | High | Sprint-1 |