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

| Date | 03 October 2022 |
|---|---|
| Team ID | PNT2022TMID23229 |
| Project Name | Ai - Powered Nutrition Analyzer For Fitness Enthusiasts |
| 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.
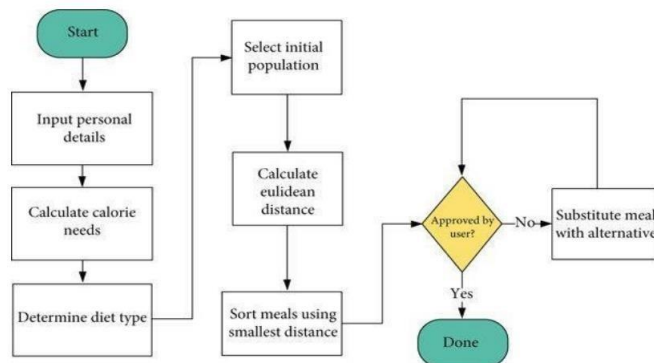


Example: DFD Level 1 (Industry Standard)
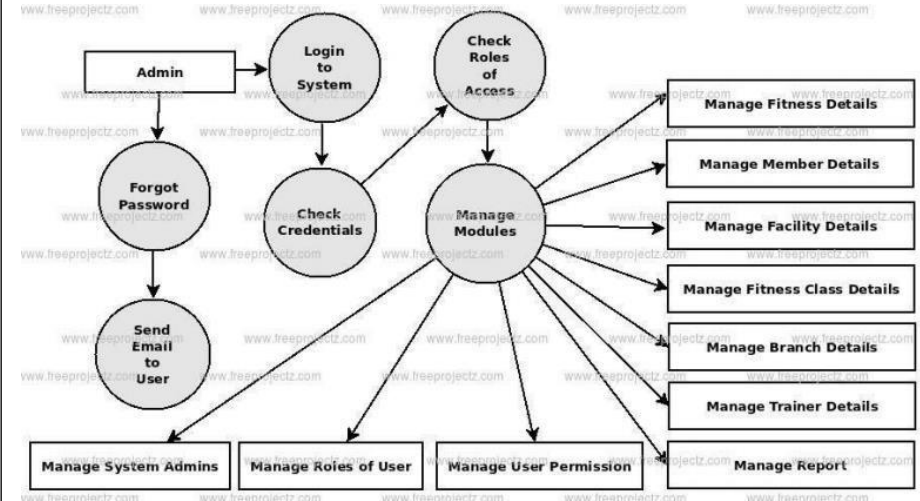
**User Stories**

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 | | Medium | Sprint-2 |
| | Login | USN-5 | As a user, I can log into the application by entering email & password | | High | Sprint-2 |
| | Dashboard | USN-6 | As a user, I can select the activity I wish to do in the application. | Desired activity is opted | High | Sprint-3 |
| | Food recognition | USN-7 | The food item under the lens is recognised | Food item is recognised | High | Sprint-4 |
| | Nutrient Content | USN-8 | Once the food item is recognised, its nutrient content is displayed to the user. | Nutrient content is displayed | High | Sprint-5 |
| Administrator | Updation | USN-9 | The food dataset is updated by the administrator periodically. | | High | Sprint-6 |