Project Design Phase-II

Data Flow Diagram & User Stories

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID02746 |
| 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.

Approved by user

Start Select Initial

population

Substitute meal with alternative

NO

Input Personal

Details Calculate eulidean

Distance Yes

Done

Calculate Calorie

Needs sort meals using

Smallset distance

Determine diet type

# 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** |
| Visitor | Registration | USN-1 | As an initian visitor, I want to see what the application is about, what it does, and see if I am interested in creating an account to use the application. | I can access my account | High | Sprint-1 |
|  |  | USN-2 | As a visitor I would like a link to a demo page of what the application looks like and does. | I can visit a demo page | High | Sprint-1 |
|  |  | USN-3 | As a visitor who has made an account I would like to sign in to access my account. | I can register with Outlook Credentials | Low | Sprint-1 |
|  | Login | USN-4 | As a interested user, I want a simple sign up page | I can register with Gmail Credentials | Low | Sprint-1 |
|  | Meals | USN-5 | As a user, I want be able to add meals and have a over all view of what I am eating. | I can add the meal and view the task | High | Sprint-1 |
|  |  | USN-6 | As a user I want to see the macro and micro nutrient totals each day | I can able to view the nutrients | High | Sprint-2 |
|  |  | USN-7 | As a user I want a link to a weekly summary | I can view the summary | High | Sprint-2 |
|  |  | USN-8 | As a user, I want to be able to add ingrediants in name and quantity | I can read the ingredients in name & quantity | High | Sprint-2 |
|  |  | USN-9 | As a user, I want to save my recipes | I can store the recipes | Medium | Sprint-2 |
|  |  | USN-10 | As a user, I want to be able to upload a picture of the recipe | I can upload the recipe’s picture | High | Sprint-3 |
|  |  | USN-11 | As a user, I want to be able to view the nutrition profile of the meal in my saved recipes | I can view my profile  Account / save recipes to my profile | Low | Sprint-3 |
|  |  | USN-12 | As a user, when i click on the nutrition profile i want it easily readable with most relevant information at the top. | I want to study the profile with readable information | Medium | Sprint-4 |
| Administrator | profile | USN-13 | As a user, when i view my weekly totals I want averages and other pertinant information displayed neatly | I can manage the average of information in weekly basis | High | Sprint-1 |