

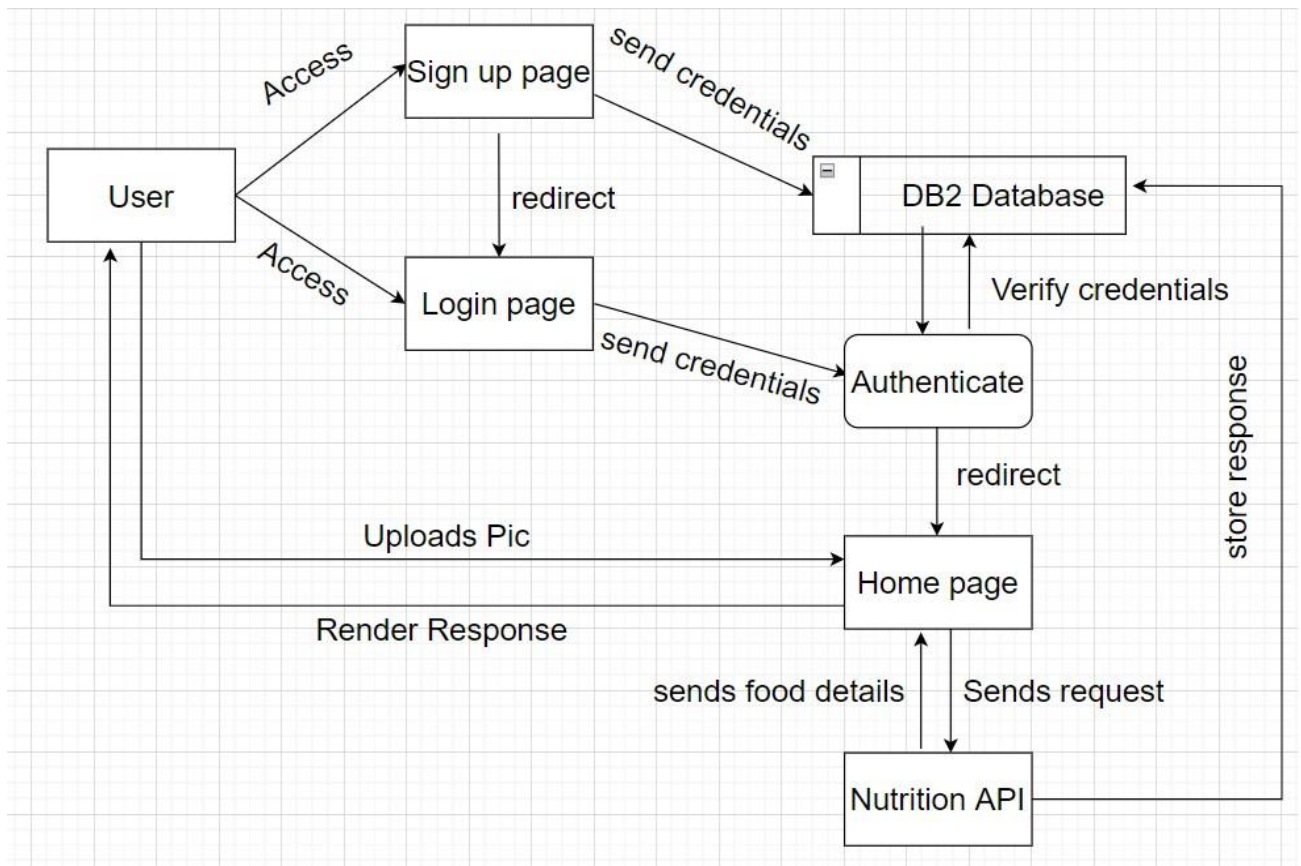
## PROJECT DESIGN PHASE-II

### Data Flow Diagram & User Stories

Date	03 October 2022
Team id	PNT2022TMID08074
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 Stories:**

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
Customer (Mobile user)	Confirmation	USN-2	As a user, I will receive confirmation mail once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
Customer (Mobile user)	Login	USN-3	As a user, I will login to the application by entering email and password.	I can get access to dashboard	High	Sprint- 1
Customer (Mobile user)	Dashboard	USN-4	User get into the dashboard and see's the different web pages to compute what the user needs	I can register and able to access the account	High	Sprint-1
Customer (Mobile user)	Authorize	USN-5	As a user, I will enter all my health details status.	I will view my Nutritional analyser section of the application	High	Sprint-1
Customer (Mobile user)	Registration page	USN-6 (I)	If the user is new to the application admin here to ask the user to sign up first or to fill the register the form from the user to get the user details.	If everything is acceptable the user will access the Dashboard.	Medium	Sprint-2

Customer (Mobile user)	Login page	USN-7 (II)	If the user already registered the admin will get the data and user will login to application by entering email and password where the data are already stored in the database.	User get access to use the Dashboard.	Medium	Sprint-2
Customer (Mobile user)	Add food data and user data to the database	USN-8	(1) Admin will store the food nutrition value and calories value of the primary taken foods and fast foods. (2) Admin will customize a code to store the user data to the database from the registration page		Medium	Sprint-2
Customer (Mobile user)	Upload the food image and get the prediction	USN-9	Here the user will upload the picture from the files to web page upload the picture, for get to know about the nutrition value. here the computation process as to predict the food image and to get the food values from the database.	If the picture is clear, able to predict and goes to the next stage.	High	Sprint-3
Customer (Mobile user)	Notification	USN-10	As a user, I will be able to upload the photo or scan the food	I will be able to view the percentage of nutrition present in the food	High	Sprint-3

Customer (Mobile user)	Notification	USN-11	As a user, I will be helped to avoid intake of hazardous food stuffs	I will be able to view my good diet routine	High	Sprint-3
Customer (Mobile user)	Get the calories and nutrition value form the food item	USN-12	Admin will compute the process over cloud to get the correct food value for the predicted image that user uploaded	I will be able to collect the history of my search.	Medium	Sprint-4