PROJECT DESIGN PHASE – II
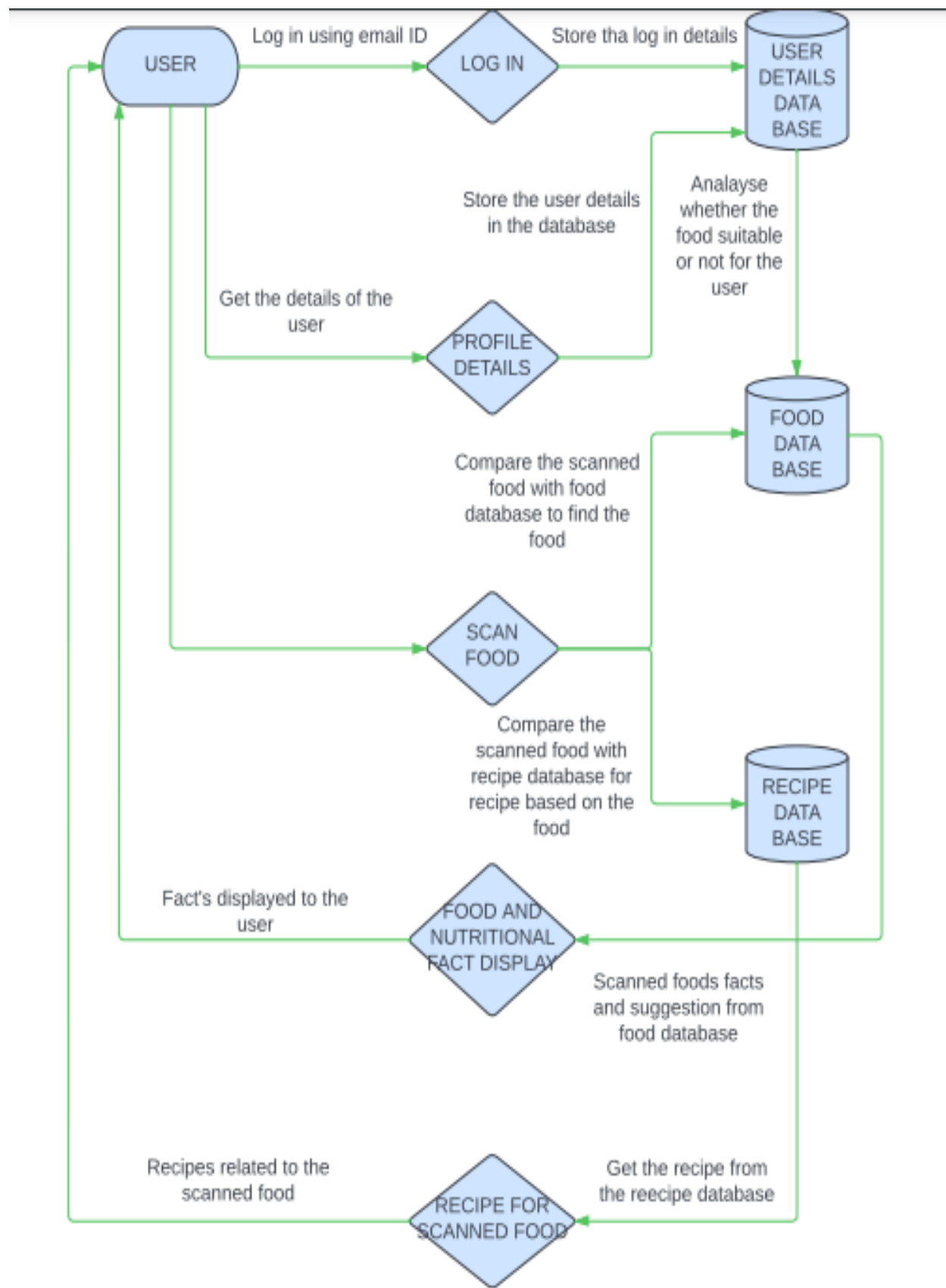
DATA FLOW DIAGRAM & USER STORIES

DATE	20 OCTOBER 2022
TEAM ID	PNT2022TMID42395
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.

The following diagram is data flow diagram for our project.

USER

Log in using email ID

LOG IN

Store tha log in details

USER DETAILS DATA BASE

Store the user details in the database

Analayse whether the food suitable or not for the user

Get the details of the user

PROFILE DETAILS

Compare the scanned food with food database to find the food

FOOD DATA BASE

SCAN FOOD

Compare the scanned food with recipe database for recipe based on the food

RECIPE DATA BASE

Fact's displayed to the user

FOOD AND NUTRITIONAL FACT DISPLAY

Scanned foods facts and suggestion from food database

Recipes related to the scanned food

RECIPE FOR SCANNED FOOD

Get the recipe from the reecipe database

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
		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 log into the application by entering email & password.	I can access the Dashboard and the application.	High	Sprint-1
Customer (Web user)	Upload Photo	USN-4	As a user , I can upload the food photo.	I can get the nutrition details.	High	Sprint-1
Administrator	User details	USN-5	As a user , I can fill the Details.	I can get whether the scanned food is suitable or not.	High	Sprint-2
	Push notification	USN-6	As a user, I will search the food items.	I can get the notification, related to my search.	High	Sprint-2
	Shown the nutrition details	USN-7	As a user, I can scan the food.	I can get the nutrition details of the scanned food.	High	Sprint-1
	Recipe shown	USN-8	As a user ,I want to get the recipe for the scanned food.	I can get the recipe about the food.	Low	Sprint-2