

Project Design Phase-II
Data Flow Diagram & User Stories

Date	20 October 2022
Team ID	PNT2022TMID51683
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.

Nutritional Assistant Application:

For the Nutritional Assistant Application, the data flow diagram is drawn from the perspective of the users. The user, once logged in, can access various resources to track, edit, update and maintain their calorie tracker journey and can also link their social media to compare their progress with the friends.

Additionally, the user can also upgrade to access premium features with a one-time payment, made through their mode of choice

Example : Data Flow Diagram(Nutrition Assistant Application)

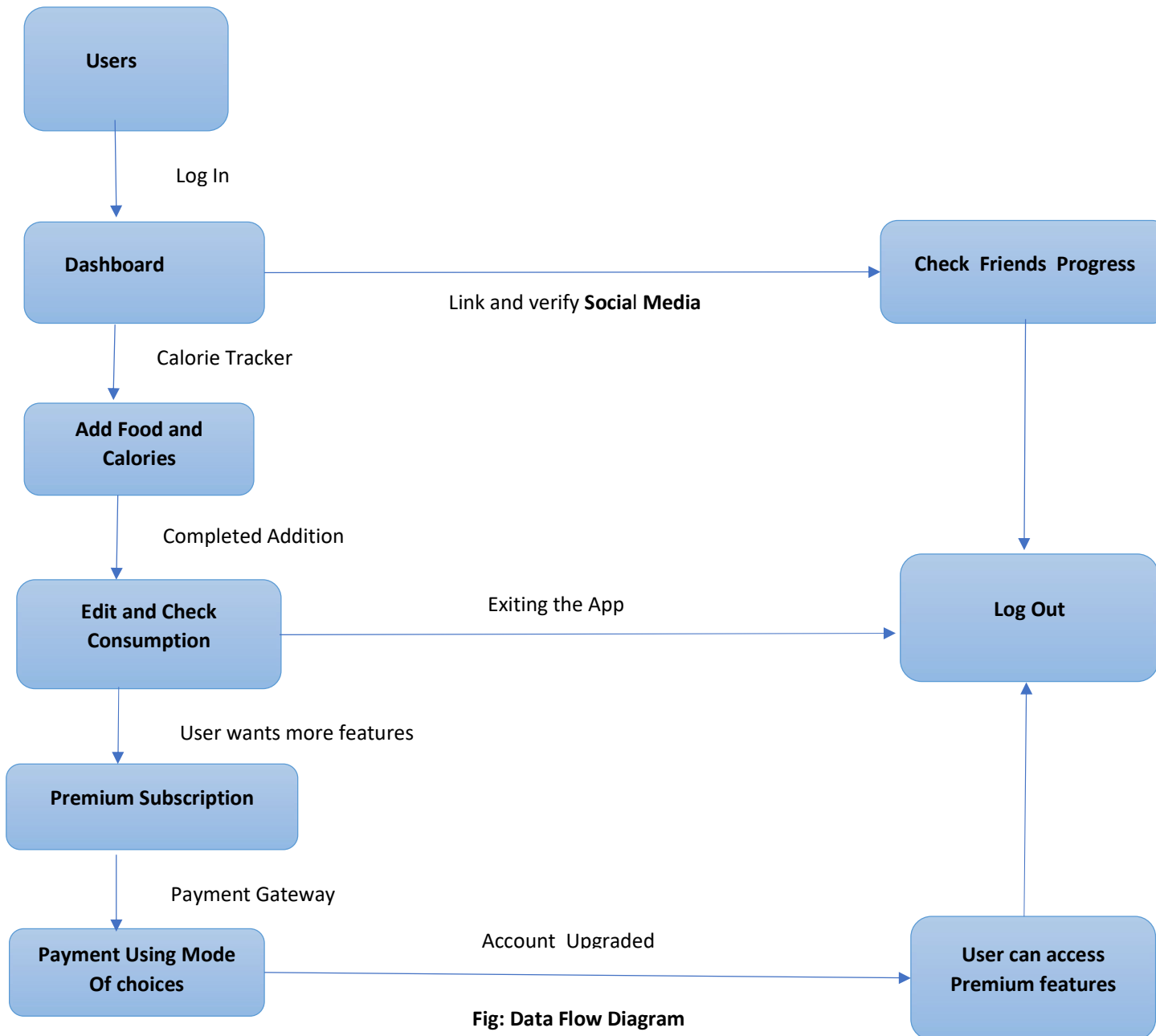


Fig: Data Flow Diagram

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 login and track foods that I have consumed at any point of the day	I can Login and take pictures for it to be tracked	Medium	Sprint-2
	Dashboard	USN-4	As a user, I can see the details of calories consumed by me through the day	I can Login and easily access my track history	High	Sprint-1
		USN-5	As a user, I can log into the application compare my current calorie count to my history of the same	I can Login and access records of my tracking for a month or a year	Medium	Sprint-2
		USN-6	As a user, I can compare my progress to my friends	I can think social media accounts and check for friend progress	Low	Sprint-2
	Payments	USN-7	As a user, I can purchase premium subscriptions to the app if I choose to do so	I can seamlessly integrate and pay for my subscription	Low	Sprint-2
	Add data	USN-8	As a user, I can easily find and add my food to the tracker app	I can easily find and add my food to the tracker app	High	Sprint-1
Customer (Web User)	Registration	USN-9	As a user, I can register the form with username, Email-Id and Password	I can receive and able to access the account	High	Sprint-1
	Login	USN-10	As a user , I can login with my google mail-id and password	I can login and get access to use the dashboard	High	Sprint-1
	Dashboard	USN-11	As a user, I can login to the application by entering my mail and password	I can login and get access to use the dashboard	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer Care Executive	FAQ	USN-12	As a user you will ask query or doubt about the application to the admin side .As per protocols the user will get response from admin	I can easily ask and clear my queries	Medium	Sprint-3
Administrator	Reset credentials	USN-13	As an admin, I can easily resolve any login issues the user might face.	I can find and identify the problematic account and reset the details if necessary	High	Sprint-1
	Maintenance	USN-14	As an admin, I can schedule maintenance breaks to ensure the proper functioning of the app	I can easily set time slots for maintenance to put message letting to user know the same	High	Sprint-1
	Monitoring	USN-15	AS an admin, I can easily monitor current traffic and status of the application	I can easily identify performance& behaviour	Low	Sprint-2