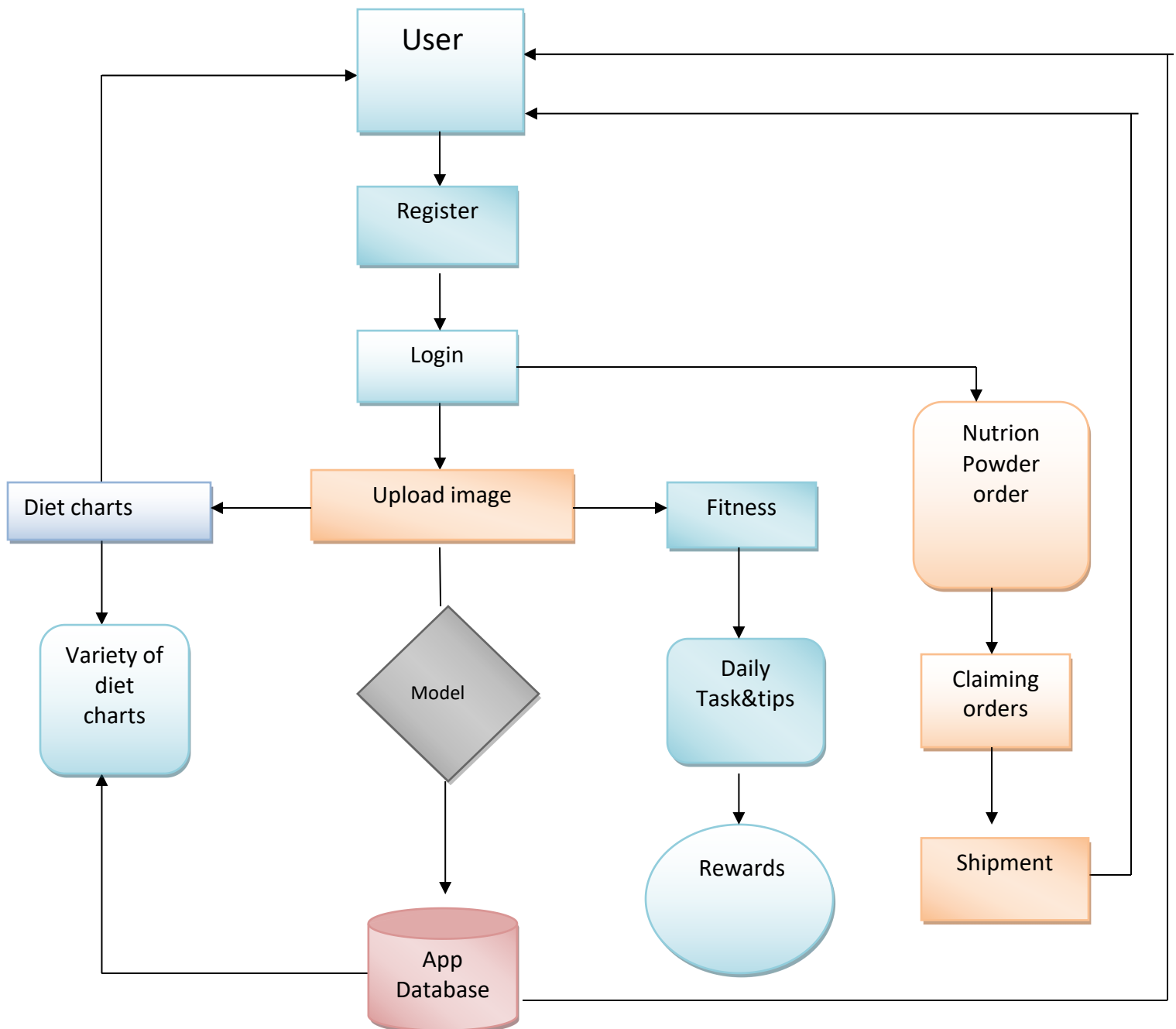


Project Design Phase-II
Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID44653
Project Name	AI - powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	4 Marks

Data Flow Diagrams:



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 Google.	I can register & access the dashboard with Google Login.	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can accept the terms and conditions.		High	Sprint-1
	Dashboard		As a user, I can access any of the options available there.			
Customer (Web user)		USN-1	As a user, I can input any of the image of food in the upload field and waiting for the results.	I can access the upload field without any problem.	High	Sprint-1
Customer Care Executive	Feature extraction	USN-1	After the image is uploaded I will get the results of the image.	As a user I will know the nutrients in the food.	High	Sprint-1
Administrator	Prediction	USN-1	Here the model will predict the image using deep learning algorithms Such as CNN.	In this I can have correct prediction on the particular algorithms.	High	Sprint-1
	Classifier	USN-2	Here I will send all the model outputs to classifier in order to produce final results.	In this I will find the correct answers for producing the results.	Medium	Sprint-2