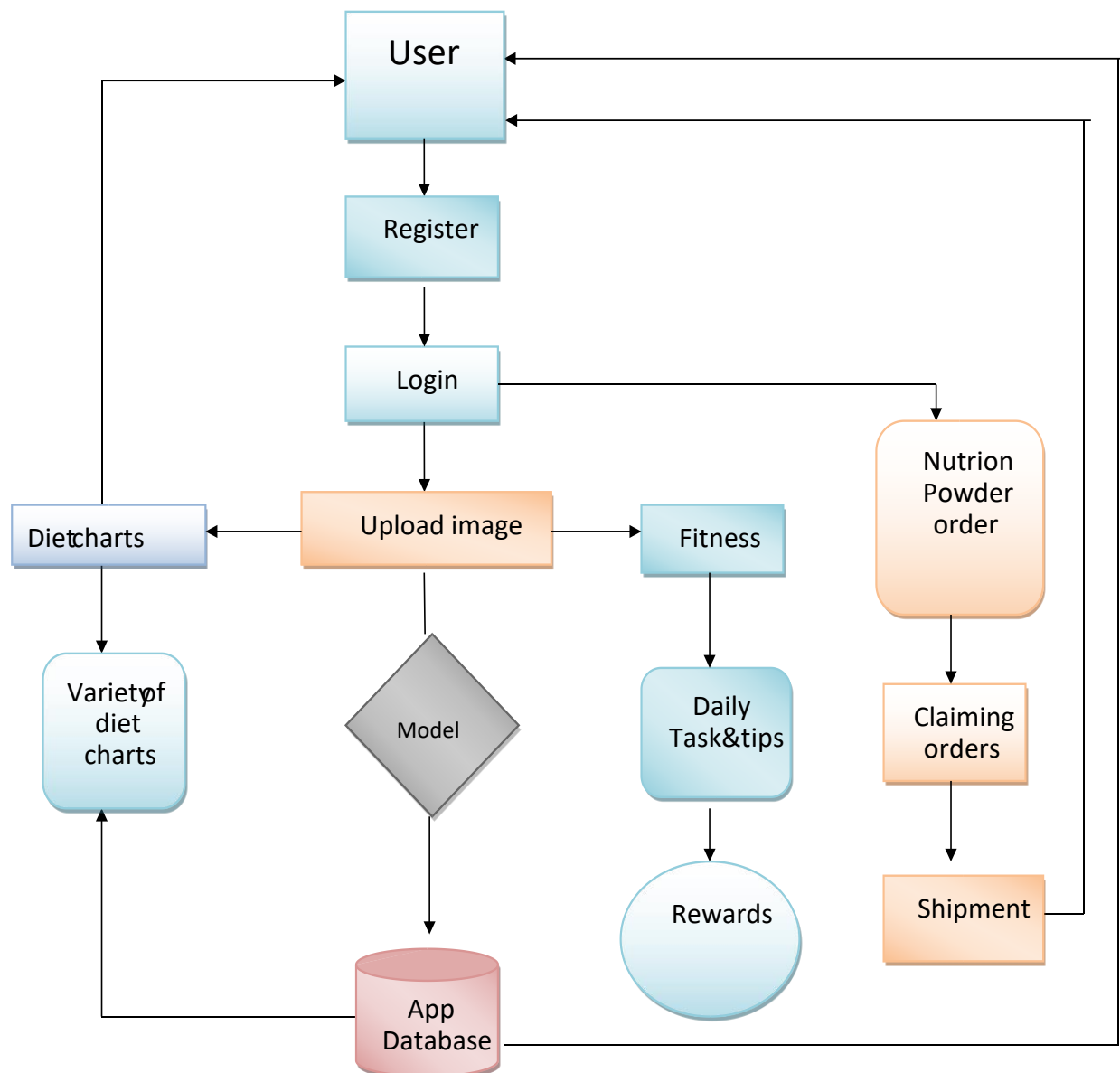


## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	28 October 2022
Team ID	PNT2022TMID33113
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 (Web 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
	Dashboard	USN-4	As a user, I can access all of the options available in the website's dashboard.	I can access all options in the website	medium	Sprint-2
Customer (Web user)		USN-5	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-3
Customer Care Executive	Feature extraction	USN-6	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-7	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.	medium	Sprint-3
	Classifier	USN-8	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-4