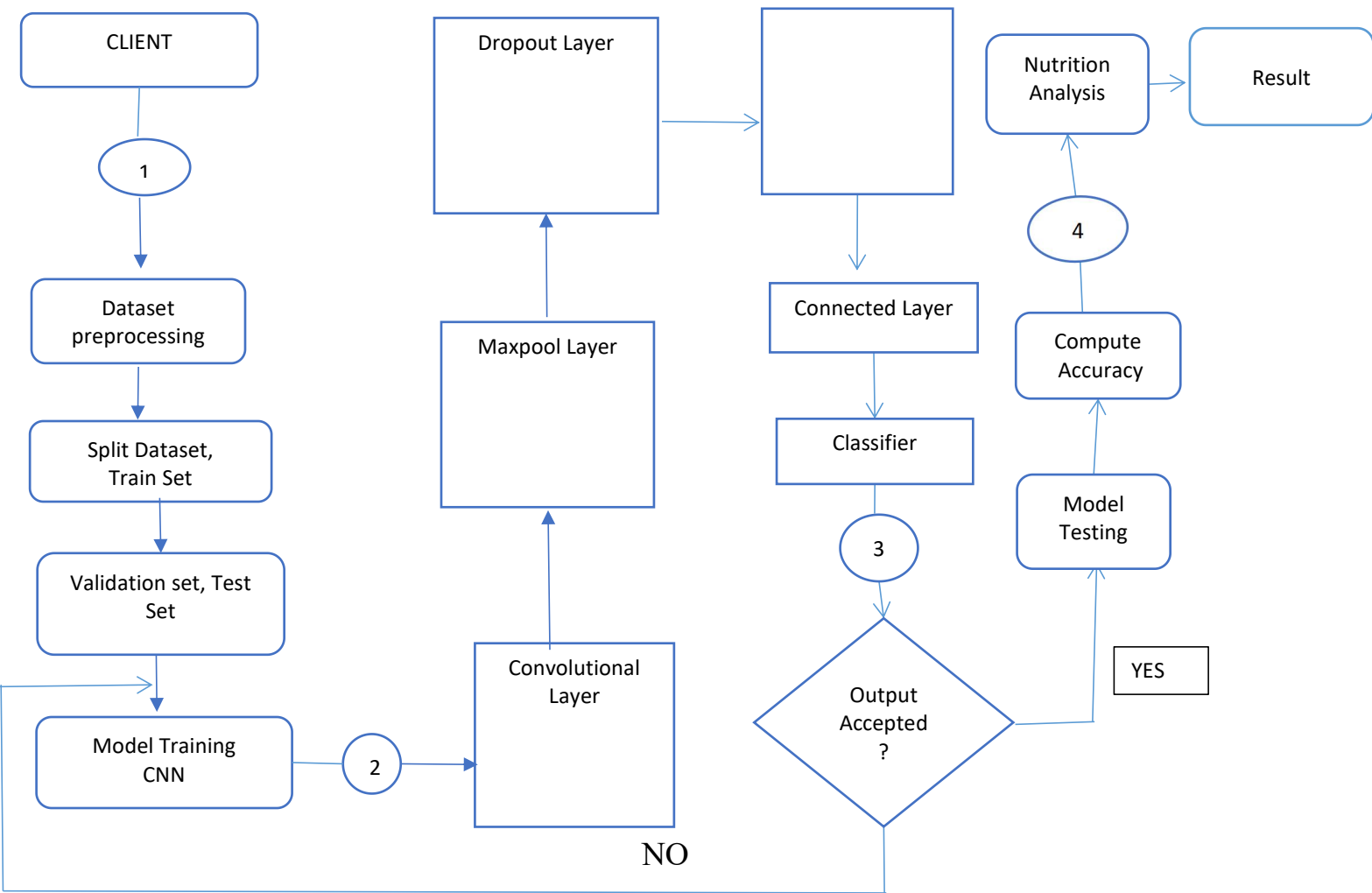| Date	30 October 2022
Team ID	PNT2022TMID10679
Project Name	AI Powered Nutrition Analyst for Fitness Enthusiasts
Maximum Marks	4 Marks

DATA FLOW DIAGRAMS:

SIMPLIFIED DATA FLOW DIAGRAM:

DATA FLOW DIAGRAM:

```
CLIENT                    Dropout Layer                                    Nutrition        Result
                                                                           Analysis
   |
  (1)                                                  ──────────►              ▲
   |                                                                            |
   ▼                                                                           (4)
Dataset                                                                         |
preprocessing                                          Connected Layer      Compute
   |                          Maxpool Layer                 |               Accuracy
   ▼                                                        ▼
Split Dataset,                                          Classifier          Model
Train Set                                                   |               Testing
   |                                                       (3)                 ▲
   ▼                                                        |                  |
Validation set, Test      Convolutional                     ▼                 YES
Set                       Layer                         Output
   |                                                    Accepted ?
   ▼                                                                          
Model Training   (2)  ──►                                   NO
CNN
```

NO

YES
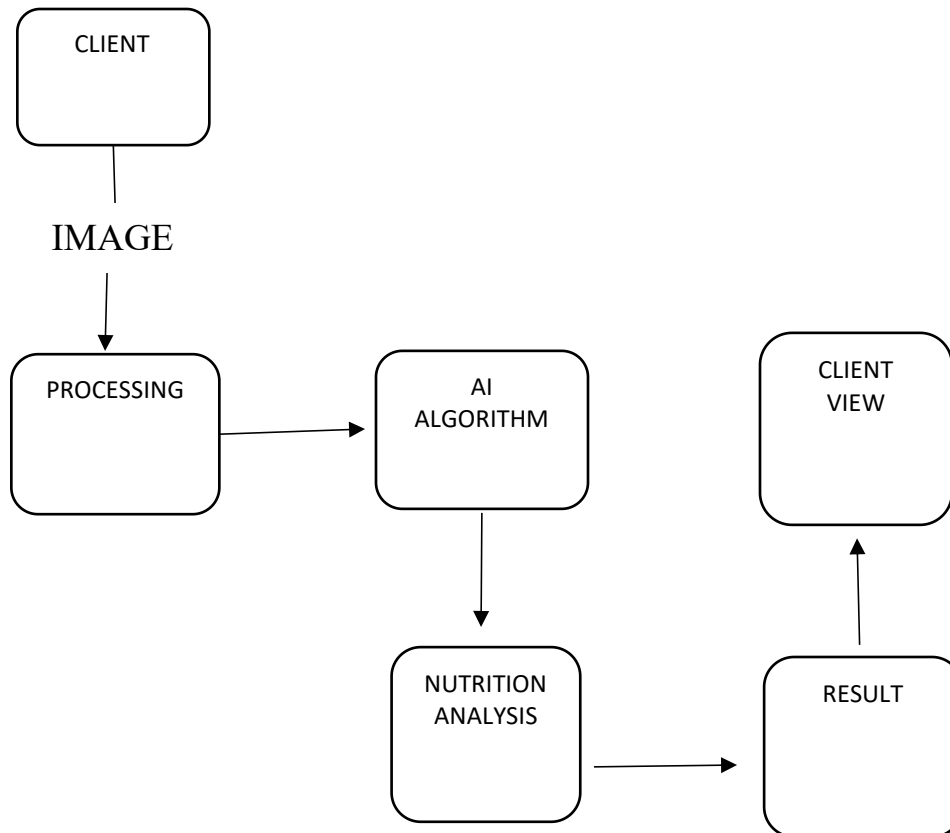
USER STORIES

User Type	Functional Requirement (Epic)	User Story Number	User story/Task	Acceptance criteria	Priority	Release
Customer (Web user)	Upload	USN-1	As a user, I can upload the image by gallery	I can upload the image	High	Sprit-1
Customer (Web User)	Upload	USN-2	As a user, I can upload the image by take image using camera	I can upload the image	Low	Sprit-2
Customer (Web User)	Registration	USN-3	As a user, I can register for the application by entering my email, password, and confirming my password	I can access my account	High	Sprit-1
Customer (Web User)	Login	USN-4	As a user, I can log into the application by entering email & password	I can access my account	High	Sprit-1
Customer Care Executive	Enquiry/ Customer services	USN-1	As a customer care executive, I can get the feedback and make report	I can interact with user	Medium	Sprit-1
Administrator	update	USN-1	As an administrator, I can update the performance	I can update and give more functionality	Medium	Sprit-1
Administrator	Add information	USN-2	As an administrator, I can add some extra information about the services	I can improve the access	Low	Sprit-2
Maintenance Team	Maintenance	USN-1	As a member, maintain the any technical problems or the any other issues in the system	I can maintain the services	High	Sprit-1