

Ideation Phase
Brainstorm & Idea Prioritization Template

Date	28 OCTOBER 2022
Team ID	PNT2022TMID43802
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	4 Marks

1

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

Problem

The main aim of the project is to building a model which is used for classifying the fruit depends on the different characteristics like colour, shape, texture etc. Here the user can capture the images of different fruits and then the image will be sent the trained model. The model analyses the image and detect the nutrition based on the fruits.

2

Brainstrom

Write down any ideas that come to mind that address your problem statement.

ADARSH H

NUTRITION
FACTS

DATA
TRAINING

FOLLOW
DOCTOR
PRESCRIBED
PRACTICES

STUDY THE
NUTRITIONAL
CONTENT OF
FOOD

AKASH P R

FOLLOW
HEALTHY
LIFESTYLE

IMPROVE
ACCURACY

AVOID
EMOTIONAL
EATING

USAGE OF
FLASK

ARUN BINU

EAT THE
FOOD
WHICH HAS
LESS FATS

MODEL
EVALUATE

TRAININNG
DATASET

LABELLING
FOOD

VYSHNAV DEV

FOOD
CLASSIFY

SCAN YOUR
FOOD AND
KNOW YOUR
FOOD

HOW
ALGORITHM
WORKS

TEST IMAGE

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

USING ARTIFICIAL INTELLIGENCE

FOOD
CLASSIFY

NUTRITION
FACTS

FOLLOW
HEALTHY
LIFESTYLE

USING NEURAL NETWORK

FOOD
CLASSIFY

NUTRITION
FACTS

FOLLOW
HEALTHY
LIFESTYLE

USING NEURAL NETWORK

FOOD
CLASSIFY

NUTRITION
FACTS

FOLLOW
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LIFESTYLE

USING NEURAL NETWORK

FOOD
CLASSIFY

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FOLLOW
HEALTHY
LIFESTYLE

4

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

