

Ideation Phase


Smart Sorting Template

Team ID	LTVIP2025TMID38189
Project Name	Smart Sorting: transfer learning for identifying rotten fruits and vegetables
Maximum Marks	4 Marks

Smart Sorting Template:

The agricultural and food industries struggle with the manual identification and sorting of spoiled fruits and vegetables. This results in inefficiencies, increased costs, and food waste. Using AI-based smart sorting systems, especially via **Transfer Learning**, offers a scalable and accurate solution.

Step-1: Team Gathering, Collaboration and Select the Problem Statement



Smart sorting: transfer learning for identifying rotten fruits & vegetables

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room

⌚ 50 minutes to prepare
👤 1 hour for collaboration
👥 44 people recommended

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to go to get going.

⌚ 10 minutes


- Team gathering**
Defining should participate in the session and send an invite. Share information or pre-work ahead.
- Set the goal**
Think about the problem you'd be focusing on solving in the brainstorming session.
- Learn how to use the facilitation tools**
You-the Facilitation Superpowers for a happy and productive session.
[Click here](#) →

Define your problem statement

Before you start your ideas, you may try to collect ideas on your USB problem statement.

⌚ 5 minutes

3 CONCEPTS (type your problem statement)



Define your problem statement

Before you start your ideas, you may try

1 Define alter...

2 Review alter...

3 Vote on ideas

4 Review your a...

5 Review prior...

6 Use protofu...

Step-2: Idea Listing and Grouping

B

Brainstorm

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

30 minutes

Trendsetting,
Translating Everything
Enabling Clann
Public Health is of
Vagabond, Usellit

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you

20 minutes

User

ipia
levantishe
xt finerty
thi, sorry
aditional

Capture
treasure of
celebrates
reighting
visions

Clonoms
inbane ft
ofinemat
lighting
dratations

Person 5

Researcher

Detecturite
reimuc for
trvevy and
sing

pvahational
or stacme
treabote for
fratrein for

Person 6

Person 3

Annotate
neea x
will nears
deal yete
Haroooy

Optimize
deinidign
tre-is,
Physsoy
repeston

Optimize
Inrestume
drane tea
inat pare
classititics
ation

Classify
selection
Cimney
Comerly
thanery
onstruct
right

Person 4

Optimize
prelsunce time
instrucon
Cossitification

Classify
/loueaton Pressh
sigipalisy
Matrin
Compatnerly
Rorcar)

Data Collection & Annotation

Lighting
sencent
apper
Wibnot
Selt

Model spect
flant
stratars
strategy

Hardware Integration

Conveyor,
ace-sm
father
rimoiture
scrring
arm

User
Interface

Detection Types

Surface
to zahmal
aecey

Conveyer,
science czee
teat mort,
corunit arm

User interface
denizenomsew
provisions, Peracheps

Evaluation
feastests
prea toirt
rotail
latency

Step-3: Idea Prioritization



Instruction:

You must have all be on the same page about what's important moving forward. Please your cases on the grid to determine which areas are important and to set.

Items hidden

