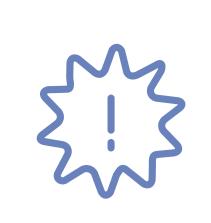
SCENARIO

Fertilizer Recommendation for Plants diseases



Entice

How does someone initially become aware of this process?



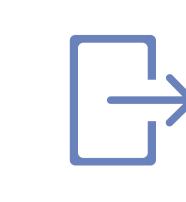
Enter

What do people experience as they begin the process?



Engage

In the core moments in the process, what happens?



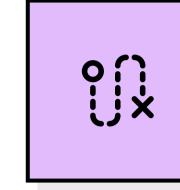
Exit

What do people typically experience as the process finishes?



Extend

What happens after the experience is over?



Steps

What does the person (or group) typically experience?



Most Famers visit this

their plants have any

Visit Website/ **Application**

Customers visit the

website/Application to

see if there exists a

disease in their plants

Choose Plant Type

Choose the type of

the plant whether it

is a fruit or plant

After deciding to predict the disease click the image and predict button

Start prediction o the disease

> After the disease has been prevented, suitable fertilizers has to be recommended

Fertilizer

Preprocessing

Image is preprocessed based upon the model's input design

Image Prediciton

Image is classified

into suitable disease

classes based on the

images

Suitable Fertilizers are recommended based on the disease

Fertilizer

Users will be prompted to logout

after the session

Logout

Personalized

recommendation

The customer receives an email 14 days after their usag with personalized recommendations for other checkups



Interactions

What interactions do they have at each step along the way?

- People: Who do they see or talk to?
- Places: Where are they?
- Things: What digital touchpoints or physical objects would they use?

Disease Prediction Section of the application

model maks its first

appearance here

The Deep Learning

recommendation section of the application

Fertilizer

Image capturing section of the **Application**

Access Mobile camera or any specified camera

Disease Prediction Section of the application

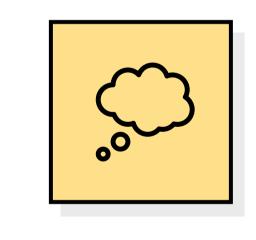
Fertilizer recommendation section of the application

Farmers sees similar disease condition and probable causes

They also see other related fertilizers that can be used

Direct interaction with the Logout screen

Customer's email (software like Outlook or website like Gmail)



Goals & motivations

At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...") Help me to find the disease of the plant

Prediction of a

lisease by just using

a phot is really

amazing

Help me have more control over the health of my plants

It's reassuring to

read reviews written

by other farmers.

Farmers sometimes

Help me find the suitable fertilizers for the plants

Fertilizers

recommendation is

also a great option in

this application

Help me to commit to this prediciton

Help me make sure I don't forget about the fertilizer that is recommended

Excitement about the

suitable fertilizer

recommendation

Help me to find the disease without any awkwardness

The User Interface

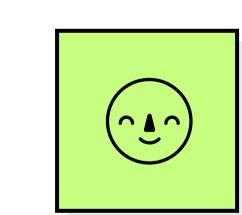
for Fertilizer

Recommendation

really good.

Help me to logout by saving all the session data and progress

Help me see what I could be doing next Help me see what I've done before



Positive moments

What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?

Negative moments

What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?



Areas of opportunity

How might we make each step better? What ideas do we have? What have others suggested?

blindly believe this results as end results

If you don't follow the

fertilizer

recommendation could

we send afollow up

Excitement about th

early discovery of

disease

Prediction may vary based on the lighting of the images

Farmers may feel this system is inaccurate

> How might we allow the farmers to give tips through UPI or debit card for early disease prediction

People are unclear whether a tip is necessary, especially fo

People generally

logs out the

application with a

good feeling

Non profitable application like this

> How might we progressively disclose the full review so that each step feels more simple?

How might we progressively disclose the full review so that each step feels more simple?

People like looking

back on their past

checkups

Provide a simpler summary to avoid information overload

Make it easier to compare and find for experiences without having to click on them