



Brainstorm & idea prioritization

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.

- 🕒 10 minutes to prepare
- 👥 1 hour to collaborate
- 👤 2-8 people recommended

🗉 Share template feedback

Need some inspiration?

See a finished version of this template to kickstart your work.

Open example →

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.

🕒 5 minutes

PROBLEM

More than 10 million people are living with Parkinson's Disease worldwide, according to the Parkinson's Foundation. While Parkinson's cannot be cured, early detection along with proper medication can significantly improve symptoms and quality of life.

The researchers found that the drawing speed was slower and the pen pressure is lower among Parkinson's patients. One of the indications of Parkinson's is tremors and rigidity in the muscles, making it difficult to draw smooth spirals and waves. It is possible to detect Parkinson's disease using the drawings alone instead of measuring the speed and pressure of the pen on paper. Our goal is to quantify the visual appearance(using HOG method) of these drawings and then train a machine learning model to classify them. In this project, We are using, Histogram of Oriented Gradients (HOG) image descriptor along with a Random Forest classifier to automatically detect Parkinson's disease in hand-drawn images of spirals and waves.

2

Brainstorm

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

🕒 10 minutes

Afsana Mariam

get the symptoms of user and if they have parkinson store them in database for future reference

feedback page

doctor diagnosis details page

page about other conditions if its not parkinson

Harshath

A page with detail about disease

Send diagnosis report to doctor

home page with detail about disease

Suggest Do's and Don't's for a parkinson detected user

Aishwarya

home page with detail about disease

Severity of parkinson according to result

Suggest nearby doctors

Info about conditions that can develop into parkinson on future

Ajay, Keerthana

Suggest medication and doctor

Detail how to use page with video assistance

Food prescription.

Ask for Patient details and store it for future reference

TIP

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 20 minutes

Get the symptoms of user and if they have parkinson store them in database for future reference

Ask for Patient details and store it for future reference

Doctor's diagnosis report and compare with the result

Database for storing and reviewing

feedback page

Feedback from the user

Send diagnosis report to doctor

Severity of parkinson according to result

Reporting back to the user

home page with detail about disease

Info about conditions that can develop into parkinson on future

A page with symptoms for users to check with their condition

Details about parkinson's and other similar diseases

Suggest Do's and Don't's for a parkinson detected user

Suggest nearby doctors

Suggest medication and doctor

Food prescription.

page about other conditions if its not parkinson

A page containing information about diseases that shows symptoms similar to parkinson's

Suggestions to the user

how to use page with video assistance

Getting started with the application

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.

🕒 20 minutes

