

# Define your problem statement

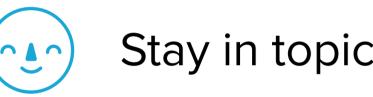
Handwritten digits must be recognized by the system. The system must be able to identify and predict the digit correctly.

5 minutes





#### Key rules of brainstorming To run an smooth and productive session



Stay in topic. - Encourage wild ideas.



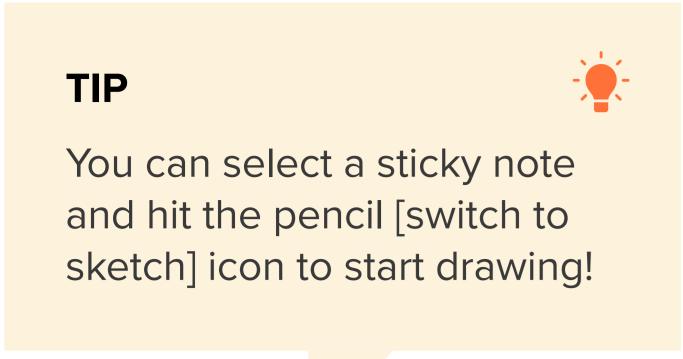




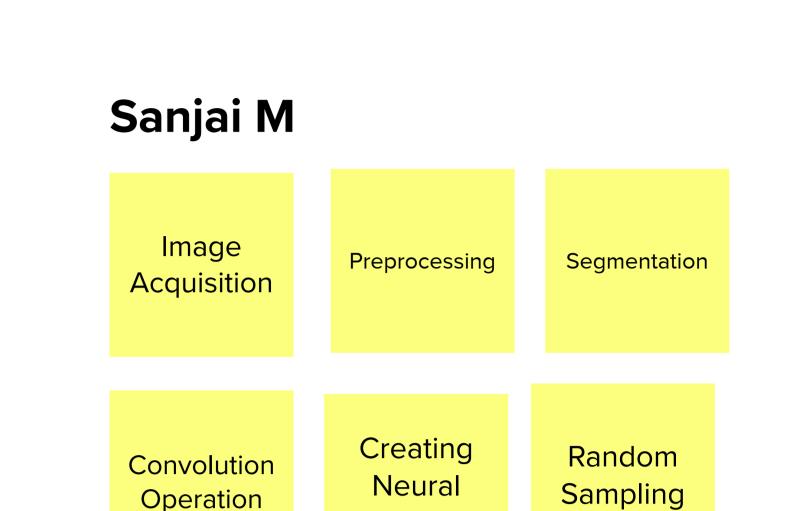
### Brainstorm

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





M		Arthima A	
prediction	training the system	Can use Random Forest Classifier	using machine learning libraries
using classification algorithms	handwriting recognition	supervised learning	focus on accuracy



Tharun k	(umar L	
lmage Analysis	Load the dataset	Acquiring the preprocessing
Splitting dataset to train and	Classifying in decision tree method	output layer



## 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.

① 20 minutes

Acquiring the dataset and preprocessing

dataset to train and test

Using the modelto predict the handwritten

Creating model using the dataset

Focussing on tuning the accuracy



### 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.

① 20 minutes

