Async brainstorming

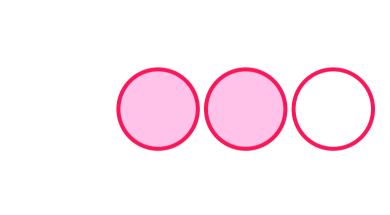
A brainstorm method tailored for async collaboration

INTRODUCTION

Design an inclusive and effective brainstorm with this template tailored for async collaboration. These activities are great when calendars are packed, participants can't meet live because of time zone conflicts, or when you just want to give collaborators more time to think about their ideas.









Intermediate

2 - 20

- Define your problem statement
- **Group ideas**

2 Brainstorm

AGENDA

4 Prioritize

PREPARATION FOR ASYNC WORK

Before sharing this mural with collaborators, review the facilitation recommendations for async projects. Then, define the problem statement and fill out section 1.

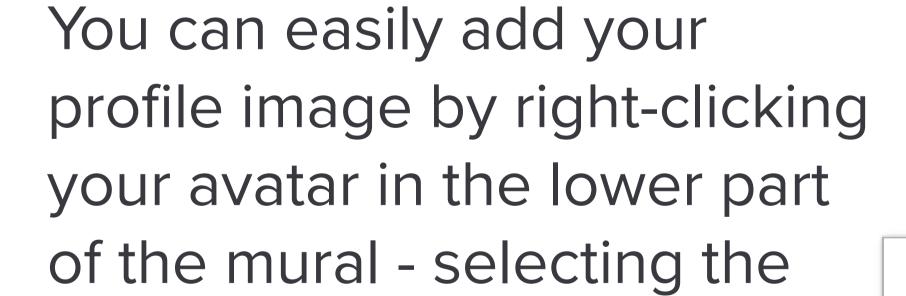
Provide collaborators with a timeline for each phase of the brainstorm — then explain the activity checkpoints below. Consider recording a quick explainer video, if collaborators are unfamiliar with async collaboration.

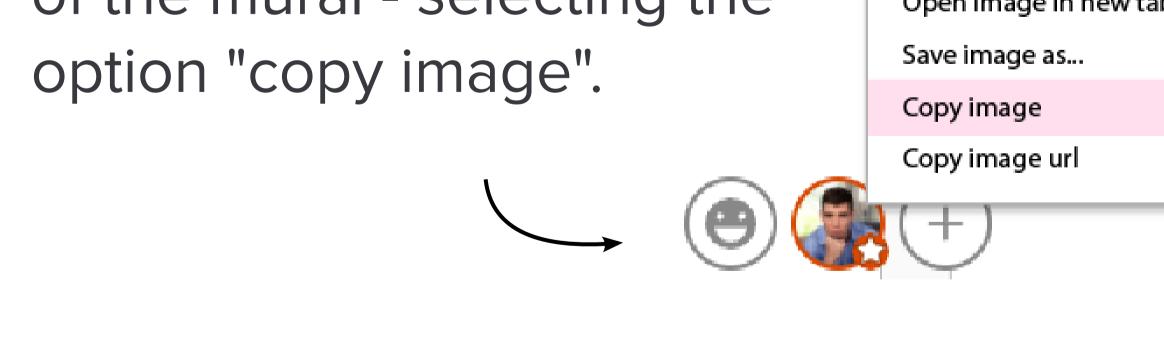




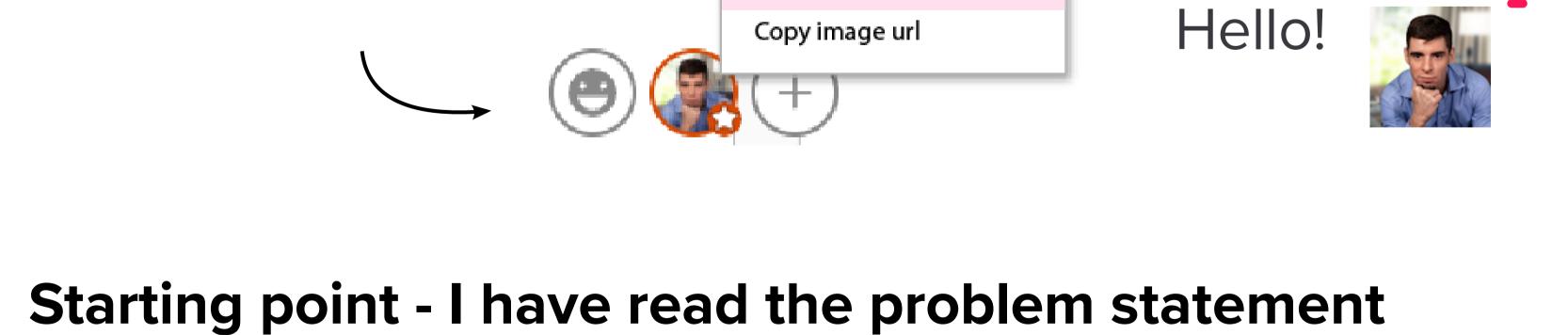
ACTIVITY CHECKPOINTS

Add your profile picture here to help track the team's progress. After you finish an activity, move your avatar below.





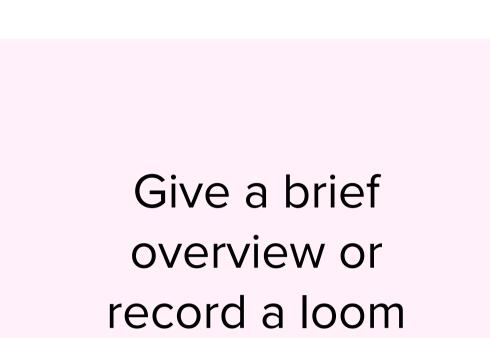
Left-click any part of the mural and paste the image with ctrl (cmd) + v.



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.

The problem statement is to classify the handwritten digits. The goal is to take an image of a handwritten digit and determine what the digit is. This digits range from zero (0) through nine (9). It is a hard task for the machine because handwritten digits are not perfect and can be made with many different shapes and sizes. The handwritten digit recognition system is a way to tackle this problem which uses the image of a digit and recognizes the digit present in the image.



of the project



Brainstorm

Write down any ideas that come to mind that address your problem statement. Remember, the key rules of brainstorming are:

Advice Defer judgment

Go for volume Build on the ideas of others Stay on topic

1 Encourage wild ideas

Be visual PRO TIP: Select a sticky note and click the pencil icon in the menu to sketch.



Dhivya Bharathi Sathya Divya Brindha Sathya Divya Brindha Dhivya Bharathi

Group ideas

The facilitator should group all the ideas from the brainstorming process (step 2).

PRO TIP: This is a great place to use color coding. You can change the color

After that, you should add your opinions by adding arrows to point ideas into other groups and sticky notes and icons to share your thoughts.

of multiple sticky notes at once.

It involved Machine learning methods like Hidden Markov Models(HMM) SVM etc.

Feature extraction step varies for every individual language and hence is not scalable

Used to augment the existing datasets.

Training sets are used to train and adjust the weights of Artificial Neural Network

The performance of artificial learning models is pretty imited due to manual feature extraction phase and their limited capacity of learning.

With the advent of deep learning came tremendous improvements in accuracy of handwriting recognition.

Al requires a lot of data to train while obtaining huge corpus of labelled handwriting images for different languages is a cumbersome task

Prioritize

The facilitator should copy and paste the groups from step 3 into this area and setup the vote details.