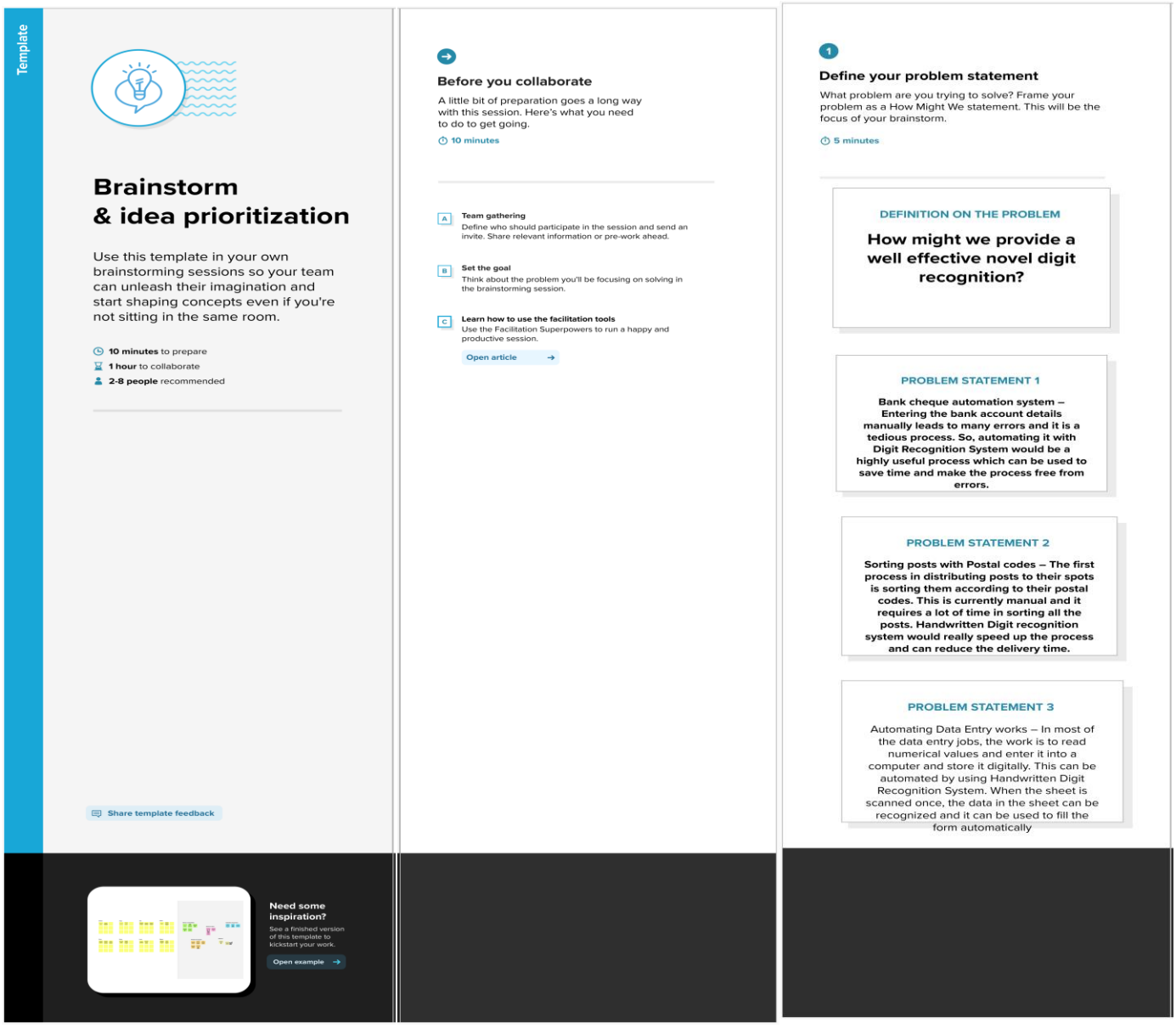
Ideation Phase
Brainstorm & Idea Prioritization Template

Date	23 September 2022
Team ID	PNT2022TMID07719
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	4 Marks

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



Step-2: Brainstorm:

2

Brainstorm

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

10 minutes

TIP

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

Akash Iyer

System to recognize illegible handwriting	Automated system	Use neural networks to identify illegible handwriting
Use MINST database to store data	SVM to approoach a data in a different way	Use barcode for easy recognition

Tharun Kumar P

E Cheque	Dedicated lens for scanning chque	Usage of SVM classifier
Usage of CTC algorithm	To use CNN for process cheque digits	OCR for font and text recignition

Narayanan M S

Develop and app which detect handwriting	Usage of Gaussian Naive Bayes	Using CNN we can feed image data into the prdictive analysis model.
Using KNN we can recognize the digits	Use decision tree to classify the text in subsets	Using Time Series Algorithm we can forecast continuous values

Ramalingam V

Use pattern recognition applications.	Use CNN to provide 99% accuracy in digit recognition	Use OpenCV for recognition
Use yolo to detect handwritting	Find the best model by experimenting with various models	Use Wiener filter to reduce the noises in the written data

Step-3: Idea Listing and Grouping

Step-4: Idea Prioritization