

## Ideation Phase

### Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID01476
Project Name	Project - A Novel Method for Handwritten Digit Recognition System
Maximum Marks	2 Marks

#### Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

#### PROBLEM STATEMENT 1:

I am  Japanese	I'm trying to  Recognize the Indian digits	But  it is difficult	Because  there is no proper source to learn	Which makes me feel  frustrated
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#### PROBLEM STATEMENT 2:

I am  a bank employee	I'm trying to  recognize the digits written on cheque	But  i cant recognize it	Because  the digits are not written properly	Which makes me feel  confused
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#### PROBLEM STATEMENT 3:

I am  a student	I'm trying to  recognize the last date for paying the exam fees which is written on the board	But  i cant find the correct date	Because  the shape of the digits are little bit different.	Which makes me feel  sad that i cant recognize the date.
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#### PROBLEM STATEMENT 4:

I am  a placement officer	I'm trying to  recognize students OOB details which has been collected from the students to update in the database	But  i cant able to understand some digits	Because  the some digits are scribbled	Which makes me feel  tensed that i cant able to recognize the digits
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<b>Problem Statement (PS)</b>	<b>I am (Customer)</b>	<b>I'm trying to</b>	<b>But</b>	<b>Because</b>	<b>Which makes me feel</b>
PS-1	Japanese	Recognize the Indian digits	It is difficult	There is no proper source to learn	Frustrated
PS-2	A bank employee	Recognize the digit written on cheque	I can't recognize it	The digits are not written properly	Confused
PS-3	A student	recognize the last date for paying the exam fees which is written on the board	I can't find the correct date	The shapes of the digits are a little bit different.	Sad that I can't recognize the date
PS-4	a placement officer	recognize students' DOB details which have been collected from the students to update the database	I can't able to understand some digits	Some digits are scribbled	Tensed that I can't able to recognize the digits