# IDEATION PHASE

# Define the Problem Statement

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID33418 |
| Project Name | Project – A Novel Method for Handwritten Digit  Recognition System |
| Maximum Marks | 2 Marks |

## Customer Problem Statement:

## To understand the handwritten digits by various humans and to make them digitalized. It is a difficult task to recognize the handwritten digits. So that, we can use machines to recognize those digits without any difficulties.

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| I am | I am Santhosh. Currently, I am working as a Bank Manager, I need to understand the client’s handwritten digits, because some clients handwritting are not legible. |
| I’m trying to | I am trying to understand the client’s handwritten digits to avoid any mistakes. |
| But | But, In current scenario more number of account holders are uneducated and their handwrittings are also not understandable. |
| Because | In our world, everyone has a unique type of handwritting patterns. So, it is difficult for humans to understand each person’s handwritten digits. |
| Which makes me feel | It is hard to recognize the handwritten digits. In busy situation, it is uncomfortable to everyone. |

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| **Problem Statement (PS)** | **I am (Customer)** | **I’m trying to** | **But** | **Because** | **Which makes me feel** |
| PS-1 | Manager | Understand the digits in the form | Lack of education | Can’t able to understand | Frustrated in busy situation |
| PS-2 | Post Msn | Understand the number in the post card to send | Different type of handwriting is there | Can’t able to understand | Very uncomfortable to both of them |

