A Nov	el Method for Handwritten Digit Recognition	Project Design Phase -1 Problem Solution Fit	Team ID: PNT2022TMID4413
Define CS, fit into CC	1.CUSTOMER SEGMENT(S) Customer are the one whoare working with reading handwritten digits manually. Bank employees and postal mail sorters are themajor customers.	6. CUSTOMER CONSTRAINTS Whether digits are recognized Accurately? Is this product trustworthy?	5. AVAILABLE SOLUTIONS There are no popular software to detect the handwriting, they check withthe other people to confirm what number it is.
Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE/PROBLEMS Sometimes, the Handwrittendigits are very hard to understand and interpret. It may lead to errors while dealing with rugged handwritings	9. PROBLEMS ROOT CAUSE Wide variety of writing stylesused by different people. It is easy for the human to perform a task accurately bypracticing it repeatedly and memorizing it for the next time	7. BEHAVIOUR Find a right product that recognizes the digits written inall kinds of handwriting accurately and fast. BE 7. BEHAVIOUR Find a right product that recognizes the digits written inall kinds of handwriting accurately and fast.
Identify strong TR & EM	3. TRIGGERS To get number accurately and quickly as possible. 4. EMOTIONS: BEFORE/AFTER Before: Time consuming, Manual effort, Irritated After: Fast, less manual effort, Happycustomers	The handwritten digit recognition system which uses the image of a digit and recognizes the digit present in the image. Convolutional Neural Network model over the MNISI dataset to recognize handwritten digits can be deployed.	8. CHANNEL OF BEHAVIOUR Online: Utilizing software that is offered inthe online market. Offline: Getting help from the personsnearby in order to recognize the digitswritten by their customers.