Project Title: <u>A NOVEL MODEL FOR HANDWRITTEN</u> DIGIT RECOGNITION SYSTEM

TEAM ID:PNT2022TMID39413

CS CC 1. CUSTOMER 6. CUSTOMER CONSTRAINS: 5. AVAILABLE SOLUTIONS: SEGMENT(S) Define CS, fit into CC The bank manager recognize the digit but The bank manager can predict the cheque My customer is a bank manager he trying to is not clear because of unique style of handwriting. handwritten digit to complete the transaction. Recognize the digits in cheque. J&P RC 2. JOBS-TO-BE-DONE / PROBLEM: BE 9. PROBLEM ROOT CAUSE: 7. BEHAVIOUR: Focus on J&P, tap into BE, understand RC The cheque hand writing is not clear problem cause is hand written is not clear The customer want to money transaction but the money transaction can not completed Hence the transaction is not complete But the bank manager didn't understand the handwritten and digit hence the transaction is not compete 3. TRIGGERS TR SL 10. YOUR SOLUTION 8. CHANNELS of BEHAVIOUR CH Extract online & offline CH of BE Identify strong TR & EM problem is hand written is not Use the MINIST Dataset to clear each check take more time the bank The customer want to money recognize handwritten digits convolutional manger had irritated transaction But the bank manager didn't understand neural network model created using pytorch the handwritten and digit it's take more time hence library to solve the problem the transaction is not compete he had annoyed 4. EMOTIONS: The cheque handwritten digit is not understand it take more time the hence bank manager annoyed