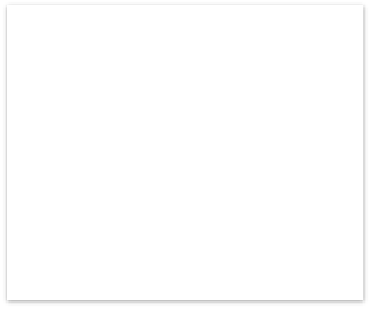
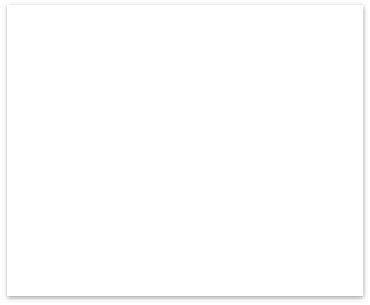
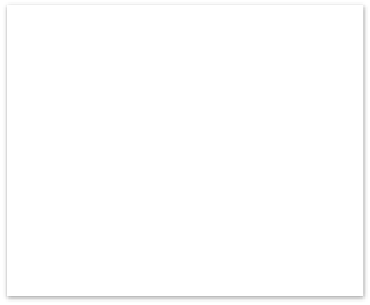
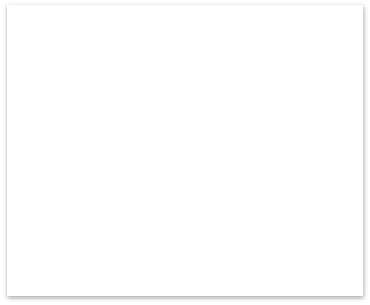
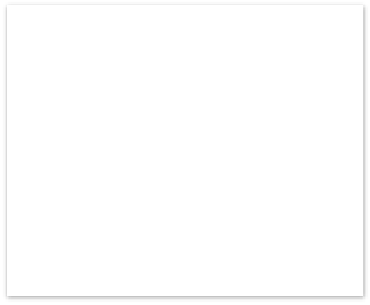
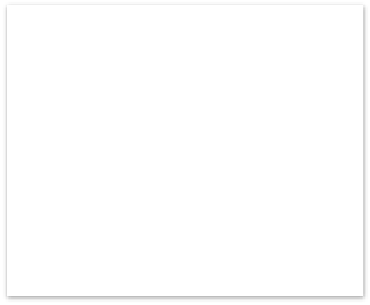
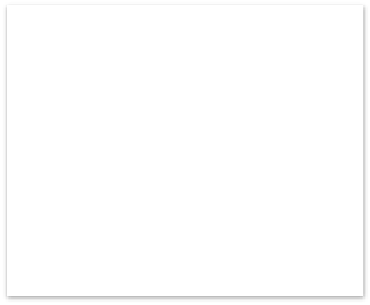
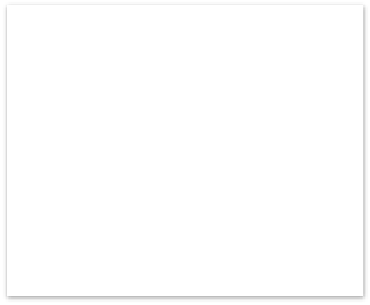
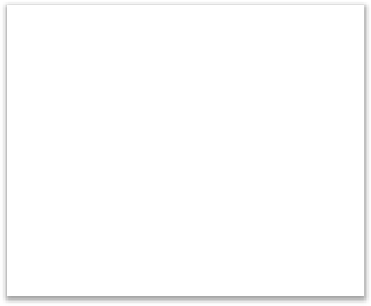
PROBLEM - SOLUTION FIT: PROJECT NAME :



A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM

**TEAM MEMBERS: PREM KUMAR I M, SATHYA VARSHINI R D, SUSMETA A,**

**VISHNUDARSHAN S, YASHWANT C M**



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| 1.CUSTOMER SEGMENT(S):  The Customers who deal with handwritten digits like Banking sectors , schools , colleges , railways ,firms, etc. | 5. AVAILABLE SOLUTIONS  Since handwriting cannot be read by most software, the numbers are verified by other individuals rather than using commonly utilised software. | 8. CHANNELS OF BEHAVIOUR  using software that is accessible online. enlisting the aid of individuals in the area in order to recognise the digits that their clients have written. |
| 2.JOBS-TO-BE DONE  Sometimes it might be challenging to read and understand handwritten numbers. When dealing with sloppy handwriting, it could result in mistakes. | 6.CUSTOMER CONSTRAINT(S):  They think that the alternatives will lead to inconveniences, mistakes, and errors. | 9. PROBLEM ROOT CAUSE  In order to recognise handwritten numbers, we must overcome many obstacles. Due to varying scribbling habits and the absence of Optic character recognition, this study provides a detailed contrast of machine literacy and deep literacy. |
| 1. TRIGGERS   To rapidly and precisely collect  the statistics.   1. EMOTIONS :BEFORE/AFTER   When numbers are not entered, one feels angry and depressed. | 7. BEHAVIOUR  Finding the finest software to more quickly and accurately recognise digits | 10. YOUR SOLUTION  The Handwritten Digit Recognition System, which uses an image of a digit to identify the digit present in the image, offers a solution to this issue. To recognise handwritten numbers, a convolutional neural network model created using PyTorch was deployed to the MNIST dataset. |