Ideation Phase
Literature Survey

Date	15 October 2022
Team ID	PNT2022TMID27135
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	2 Marks

Literature Survey

S.NO	AUTHOR	YEAR	TITLE	TECHNIQUE USED
1.	Atefeh Dehghanian, Vahid Ghods	2018	Farsi Handwritten Digit Recognition	Used HODA DataSet, Convolutional Neural Network for Farsi
2.	Mahmoud M. Abu Ghosh, Ashraf Y, Maghari	2017	A Comparative Study on Digit Handwritten Digit Recognition Using Neural Networks	Deep Belief Network, Deep Neural Network
3.	Anca Ignat, Bogdan Aciobani-ei	2016	Handwritten digit recognition using rotations	Image Rotations, Edge Filtering, K-NN
4.	Huimin Xiao, Chen Liu	2009	Handwriting Digit Recognition Based on Extension Engineering	Extension Engineering, Support Vector Machine
5.	Raid Saabni	2016	Recognizing Handwritten Single Digits and Digit Strings Using Deep Architecture of Neural Networks	Deep Learning, Sparse auto-encoders
6.	Alexander Filatov**,** Alexander Gitis, Igor Kil	1995	Graph-based Handwritten Digit String Recognition	Graph Based Transformations
7.	Sunil Kumar Khatri, Shivali Dutta, Prashant Johri	2015	Recognizing Images of Handwritten Digits Using Learning Vector Quantization Artificial Neural Network	Artificial Neural Network, Learning Vector Quantization
8.	Yuan Hanning, Wang Peng	2013	Handwritten Digits Recognition Using Multiple Instance Learning	A Heterogeneous Heuristic Multiple Instance Learning Method
9.	Dorra Mellouli, Member IEEE Tarek M. Hamdani	2019	Morphological Convolutional Neural Network Architecture for Digit Recognition	(Morph-CNN), Morphological Operators
10.	R.Kanniga Devi, G.Elizabeth Rani	2019	A Comparative Study on Handwritten Digit Recognizer Using Machine Learning Technique	Multiclass Decision Forest, Neural Networks

11.	Huijie Zhang,Huijie Zhang,Xin Luo, Yufang Yin, Zhouping Cui	2018	A User-Adaptive Deep Machine Learning method for Handwritten Digit Recognition	Deep Learning, User Adaptive HWR Model