

Proposed Solution Template

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	How might we help the user who needs handwritten digit recognition software because he/she does not understand what the other individual has written? This software will help them to understand the digits with ease.
2.	Idea / Solution description	To recognize and predict the handwritten digits from Zero to Nine using Artificial Intelligence and Neural network concepts. Handwritten digits are identified and analyzed by a model, which is trained and tested with a dataset containing over 7000 different ways of handwritten digits.
3.	Novelty / Uniqueness	Create GUI with writing pad to predict the digits and save them as files.
4.	Social Impact / Customer Satisfaction	Recognizes the digits accurately, Easy number detection, Detects even scribbled numbers.
5.	Business Model (Revenue Model)	<p>Activities:</p> <ul style="list-style-type: none"> • Download Database • Train model • Test model • Create GUI <p>Key resources:</p> <ul style="list-style-type: none"> • Python • Anaconda • Flask • Cloud
6.	Scalability of the Solution	Less maintenance cost since it has less software requirements. It would be very helpful in the industry if it is developed and put into action.