Stop-Scam

Problem Statement:

With great advancements in technology there is a great advancement in digital threats, whose controlling is the need of hour. There are thousands of national level firms which involves transaction of several important documents day in and day out sanctioned by different officials of the particular firm. The general method of sanctioning involves digital signatures. Suppose if a malicious employee or rival company gets this digital signature, they can easily draft a document, put this signature and poses various threats ranging from blackmailing to making the company bankrupt within minutes. There is no mechanism or system that can avoid this problem.

Current Situation:

Malicious User   Confidential Document   Official Digital Sign   Unauthorised Access

Proposed Solution:

Our idea to develop an application which will add an extra layer of security by using different state of the art deep learning and machine learning techniques for authorship attribution. And hence we will predict that whether a particular document is drafted by a particular person or not.

This application has wide range usage and can be used as a fraud detection and prevention application. In private co-operate sector it can be used mainly for preventing frauds related to money and property. It also can be used by intelligence organizations and can help in solving several cases. It can also be used for prevention of social evils like cyber bullying. Assume that there are five suspects for bullying a particular person from fake account. We can run the application through these suspects account and can predict the most probable person who might be guilty.

Technology Stack:
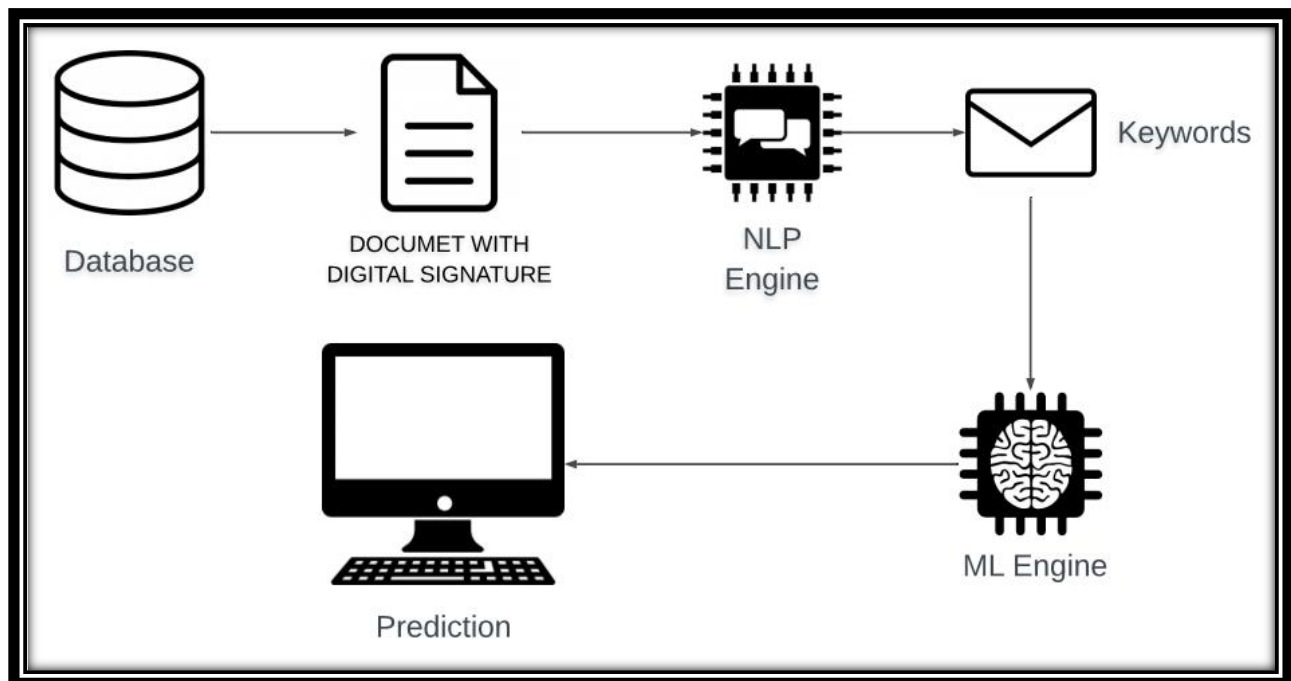
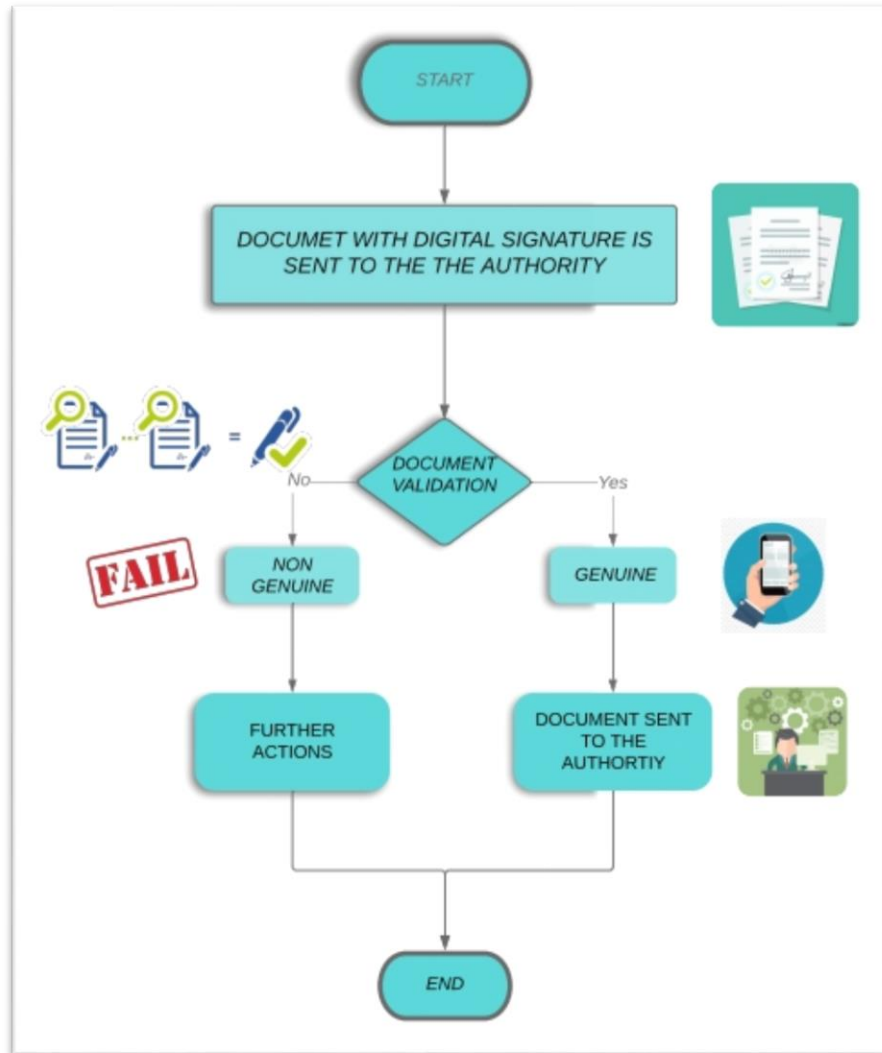|	
	Django
	NLP
	NLTK
	HTML
	CSS
	JavaScript
	TensorFlow

Final Working Prototype:

Unique Selling Proposition:

- One time installation, no further cost.
- Can be used by diverse consumers which includes :
    a) Public Sector
    b) Private Sector
    c) National Intelligence
- Increased security and safety.