

ATM amount withdraw system
using Face recognition and
improve the security system

Synopsis

- The ATM amount withdrawing system will replace the manual method, which takes a lot of time consuming and difficult to maintain. There are many biometric processes in that face recognition is the best method. In this paper we are going to describe the ATM amount withdrawing system with improve the security system. In this method first user enter card number if user face match with capture face means amount withdrawing system process on it.
- If with out card user means that otp is sent to the card user mail id after that current user enter the otp after that amount transaction works on it

Hardware Specification

- Camera
- Processor
- RAM

Software Specification

- Python 3.6.5
- Windows os

Software Description

python an interpreted, high-level, general-purpose programming language. Created by Guido van Rossum and first released in 1991, Python has a design philosophy that emphasizes code readability, notably using significant whitespace.

- It provides constructs that enable clear programming on both small and large scales.
- Van Rossum led the language community until stepping down as leader in July 2018.

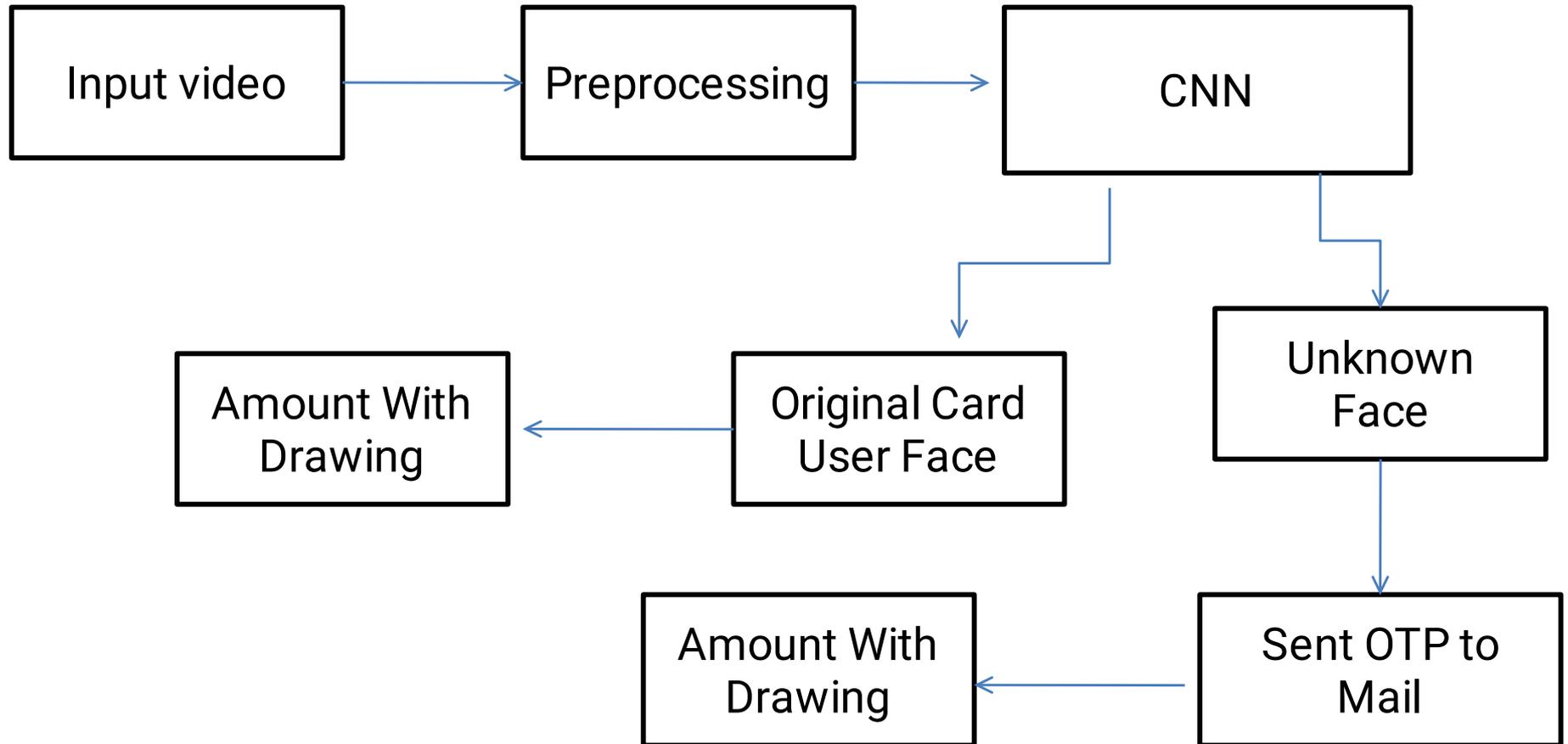
Problem Definition & Description

- To improve the ATM Amount with drawing system using face recognition and security system will be improve on it.

Existing system

- Face recognition system is used previously cascade classifier but the problem of the cascade classifier is frame is perpendicular to camera is face recognition perfectly on it. But all the frames from the camera is not depends on it.

Proposed system



Algorithms

- Convolutional Neural Network