Face Presentation attack Detection Using Deep Reinforcement Learning

Guide

Dr. R. Shyamala M.E..Phd.,AP/IT

Team members

Arulkumaran R (422419205003)

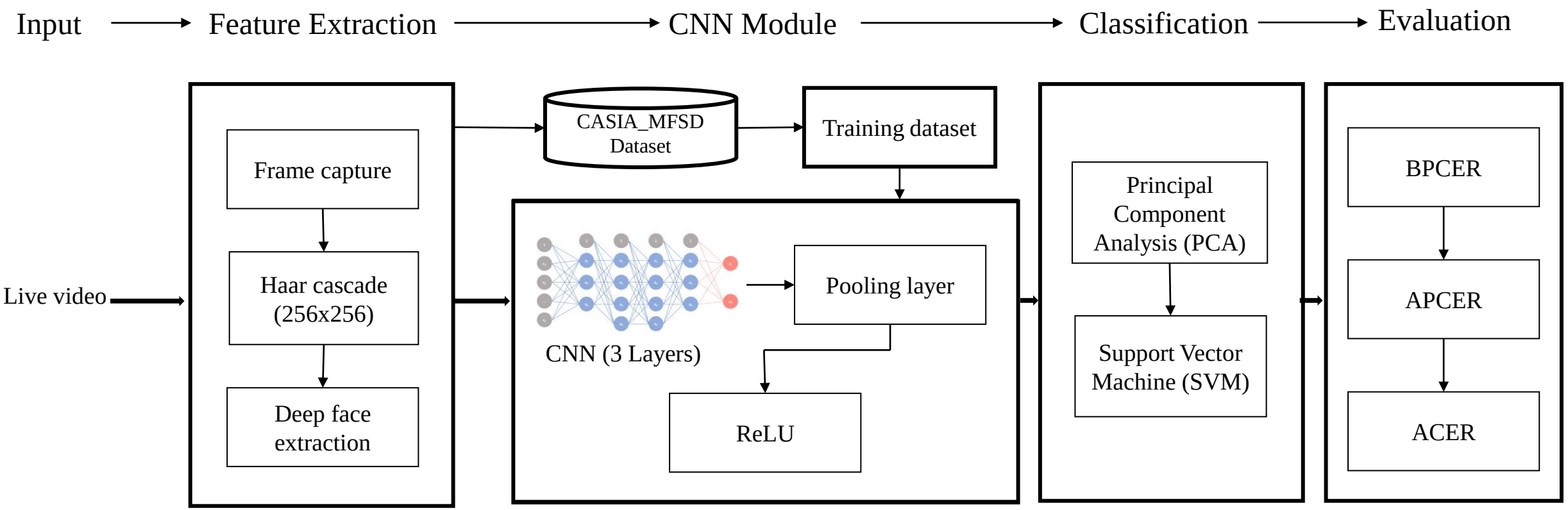
Jabaselvi A (422419205015)

Navieen R (422419205022)

Proposed solution

S. No	Parameter	Description
1	Problem statement	To develop a face presentation attack detection and prevention system using deep reinforcement learning.
2	Idea/Solution description	Idea is to solve this issue using neural network-based reinforcement learning system to correlate between real faces and attacks.
3	Novelty/Uniqueness	Usage of reinforcement learning in real time.
4	Social impact/customer satisfaction	Improved safety and security make the Face recognition system more reliable.
5	Business model (Revenue model)	Face recognition system becomes commercially efficient when error rate is low.
6	Scalability of the solution	Tries to provide more accurate results by using real time data.

System Architecture
Batch -03



Module Split-up:

Implementation of this project is divided into three modules:

- Feature extraction
- Module Building
- Classification