Major Project

Device Control through Hand Gestures

Team Members

AKASHDEEP SINGH KHANUJA

MIHIR SONI

HEMANT BHATI

JAYANT GAWALI

Guide

MR. ABHISHEK SINGH RATHORE

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

श्री वैष्णव विद्यापीठ विश्वविद्यालय

तमसो मा ज्योतिर्गमय

! PROBLEM DOMAIN

Sometimes it is very inconvenient to deal with physical controls of device and most of the time we are in such a situation where we can't able to access device controls physically. Also users feel less emerging experience while playing game using basic device controls.

In this situation, to improve user experience with device, there should be functionality which enables users to control device without interactive with physical hardware.

Hence, **Controlling device using Hand Gestures,** kind of such solutions which make user to easily interact with device.
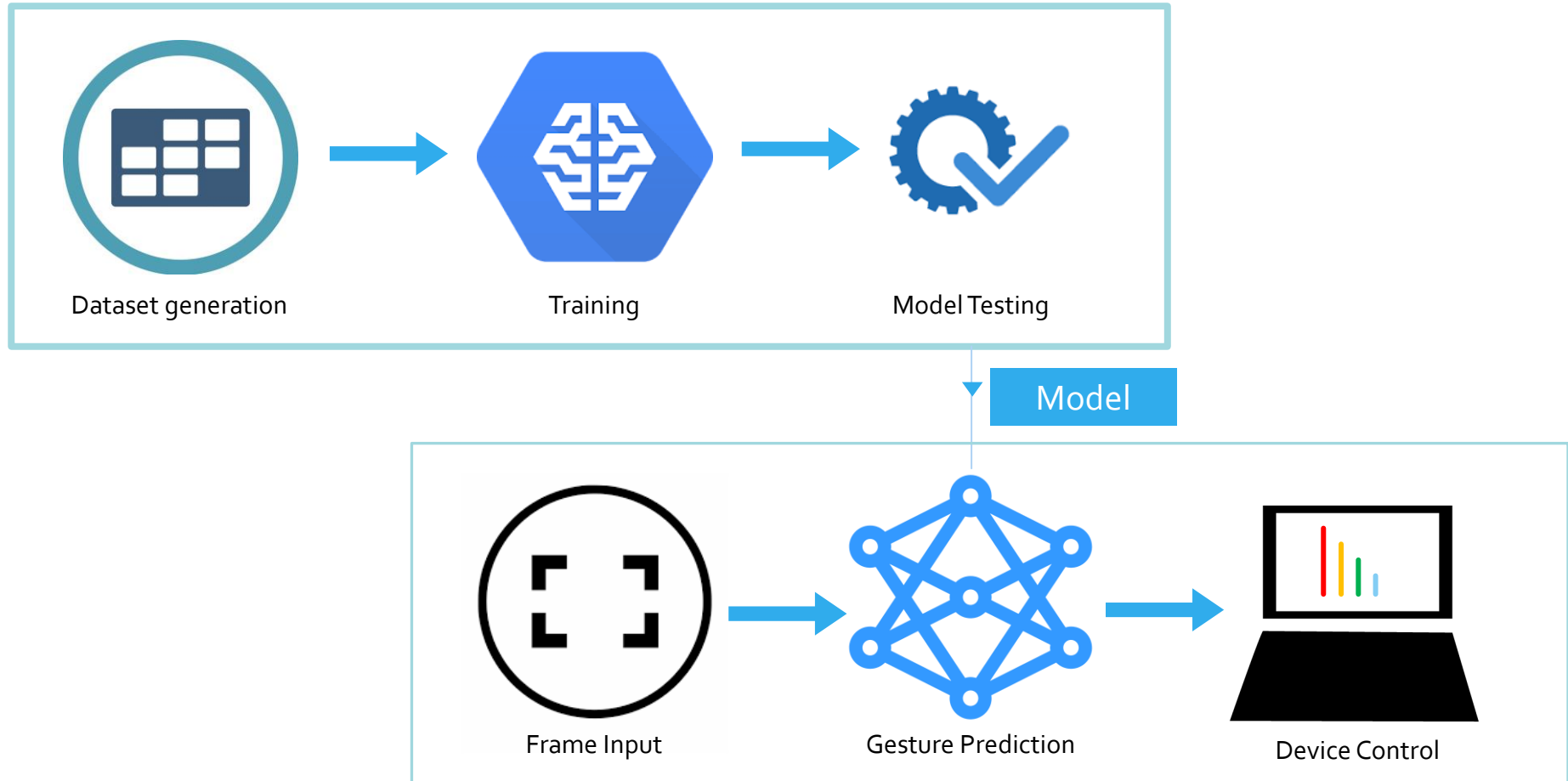
Technologies Used

IMAGE RECOGNITION

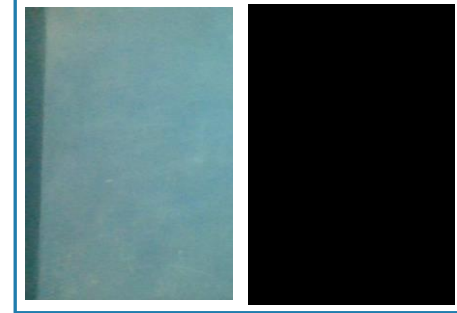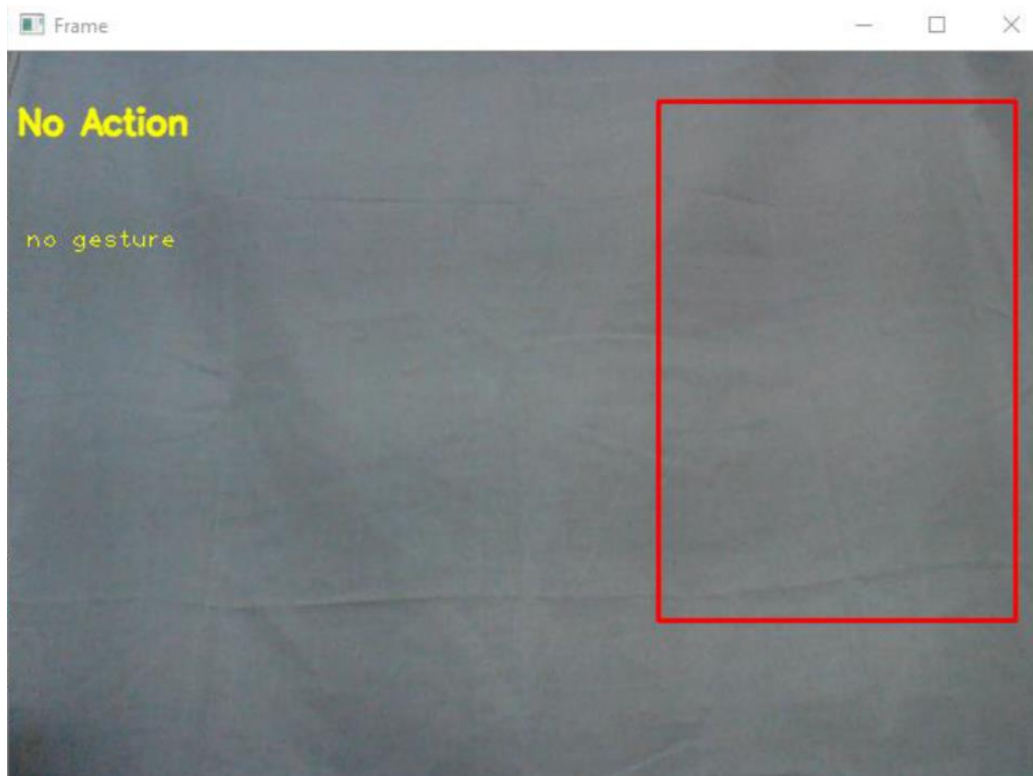**DEEP LEARNING**

PYAUTOGUI

System Modules

Dataset generation → Training → Model Testing

Model

Frame Input → Gesture Prediction → Device Control

500+

500+

500+

500+

500+
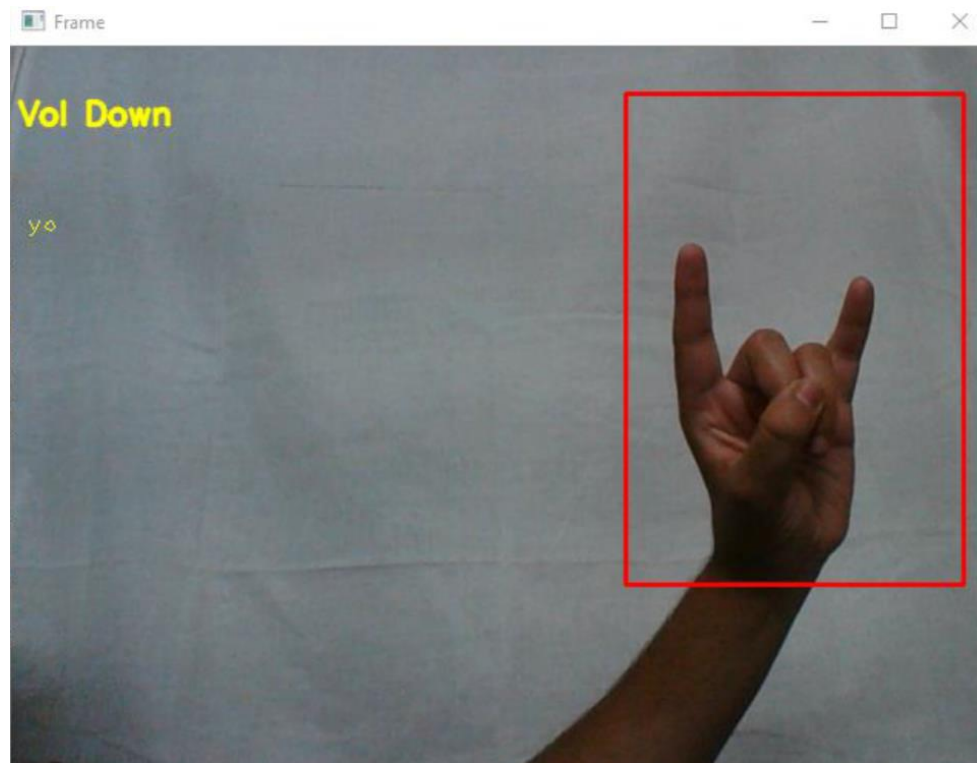
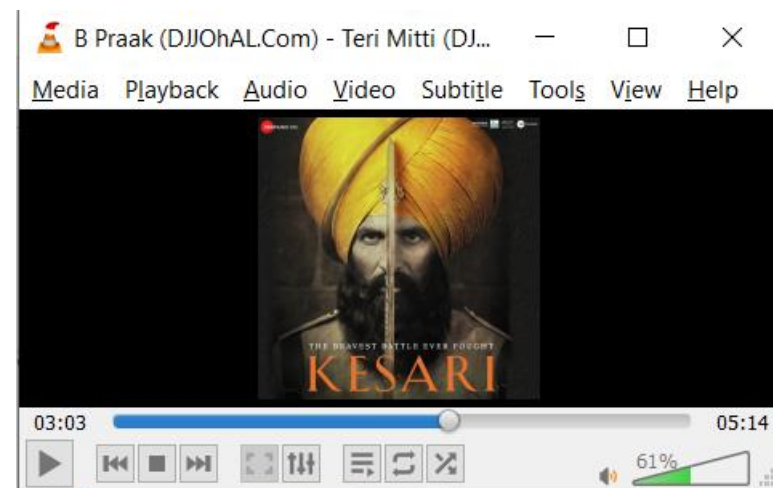# 📷 Snapshots

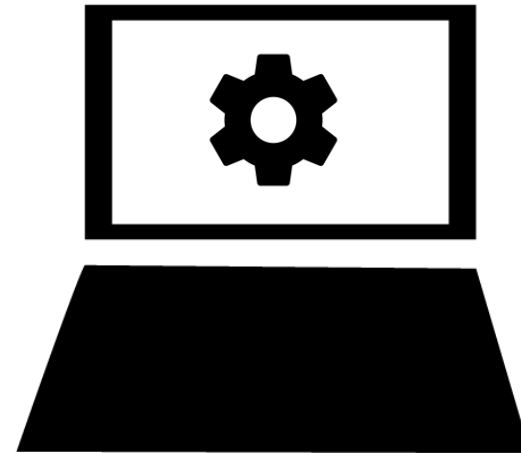# Snapshots
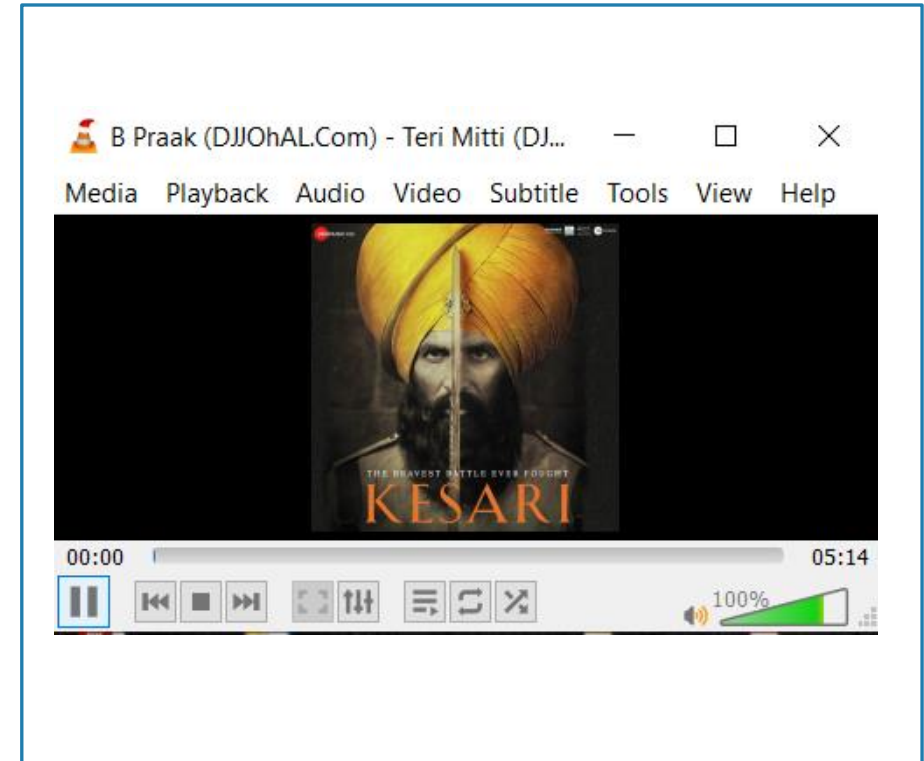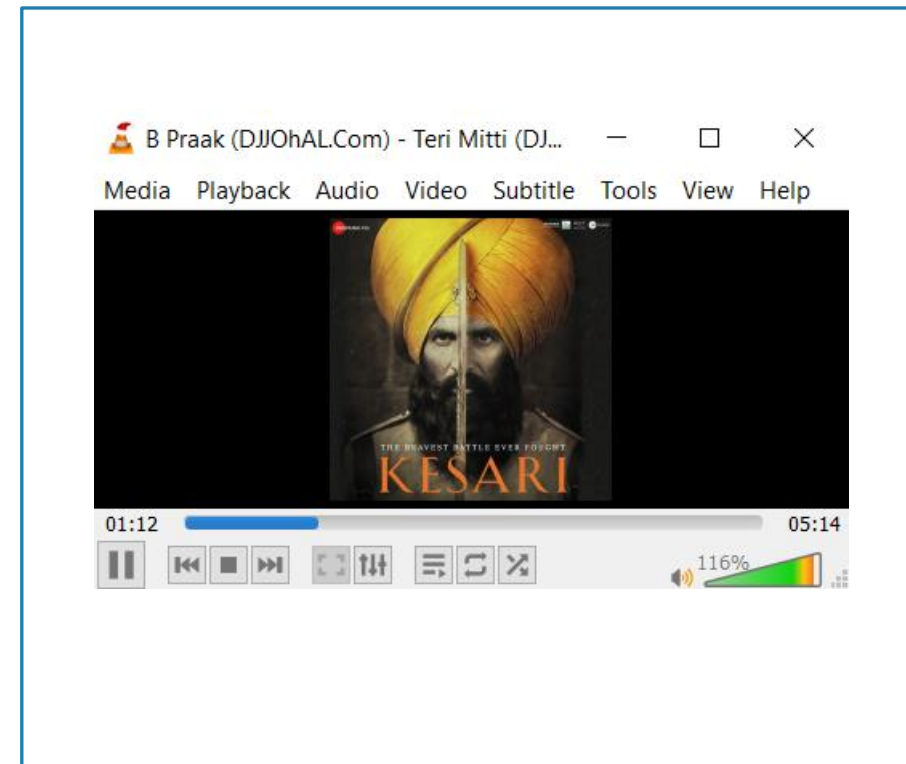
🖼 Snapshots

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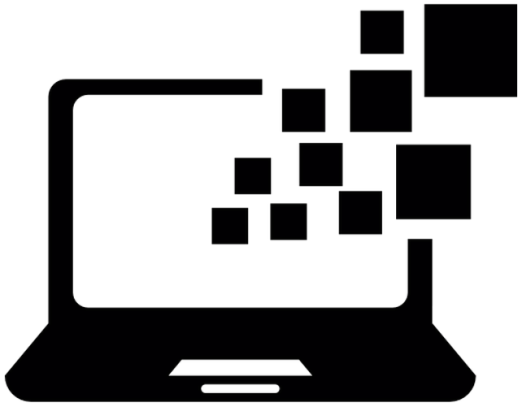# Future Enhancement

Tool integration with various APIs, Apps & OS.

THANK YOU