Project - Multi-Face Recognition Based Detect System.

Name / Developed by – Er. Amresh Mallick

College – Arya College of Engineering & it.

Branch – Electronics & Communication Engineering.

Email – ranjan.amresh100@gmail.com

Project Code Link – GitHub Link - Multi-Face-Recognition-Based-Detect-System

Multi-Faces Recognition System

Help

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Multi-Face Recognition Based Detect System

02-June-2021 | 22:18:35

For Already Registered

Recognizes Your Faces Now

Total Detections Shows!

ID	NAME	DATE	TIME

Quit

For New Registrations

Enter ID(Numeric Values)

Clear

Enter Your Name

Clear

1)Ready for Take Images >>> 2)Save Profile

Take Images Now

Save Your Profile

Total Registrations till now : 1

PROJECT DESCRIPTIONS.

Face Recognition System Uses for multi Face Detection. It is a Real time Detection System that can be Easily Port on any Hardware Devices due to its written in python. The Model First Train the Faces and after that Predict the output with more than 85%+ confidence due to its model classifier training with good algorithms so that predict with more accuracy by the help of OpenCV Module Haarcascade classifier and using numpy and pandas to filt is a Multi nd an pixel array of images and put operations over there.

TOOLS & TECHNOLOGY USES

- HAARCASCADE_FRONTALFACE_DEFAULT.
- OPENCV- CONTRIB-PYTHON.
- PYTEST-SHUTIL.
- PYTHON-CSV.
- NUMPY.
- TK-TOOLS.
- PILLOW.
- DATE TIME.
- PANDAS.

ADVANTAGES

- Easy to Maintain and Uses.
- Capture the Image and Auto save information at Same time.
- Easily Port on any Hardware Devices.
- Written in Python Easiest Language.
- Detect Multi faces with Confidence of 88%.
- Uses for Security and Safety Purposes.
- Real time Automation Features.(Capture the image and Save in Less time using Haarcascade Classifier.)

WHERE TO USE THIS PROJECT

- USES FOR SECURITY PURPOSES.
- FOR DETECT MULTI PERSONS FACES.
- ALSO PORT ON ANY HARDWARE DEVICES.
- USES AS A MONITORING SYSTEM.
- USES AS A FACE ATTENDANCE SYSTEM.
- USES AS A ANIMAL OR ANY OBJECT FACES DETECTION.
- USES TO CLASSIFY DIFFERENCE BETWEEN TWO PERSONS FACES.

SOURCE HELP FOR BUILT UP PROJECT

- Documentations.
- Various Articles.
- Stack Overflow.
- Google.
- YouTube.
- GitHub.
- Debug Resources.

Project Deployment on Server Using Git.

Heroku is a cloud platform as a service (PaaS) supporting several programming languages. One of the first cloud platforms, Heroku has been in development since June 2007, when it supported only the Ruby programming language, but now supports Java, Node.js, Scala, Clojure, Python, PHP, and Go.For this reason, Heroku is said to be a polyglot platform as it has features for a developer to build, run and scale applications in a similar manner across most languages. Heroku was acquired by Salesforce.com in 2010 for $212 million