FACE DETECTION AND RECOGNITION USING HCC & LBHP ALGORITHMS

A PROJECT REPORT

Submitted For the Partial Fulfilment of the Requirement for the Degree of Master of Computer Applications

By

VIGNESHWARAN K R D

C23105PCA6040

Under the Guidance of

Dr. M. GANESH RAJA., MCA., M.Phil., Ph.D.,

Assistant Professor,

Department of Computer Science,

Dhanraj Baid Jain College

Thoraipakkam, Chennai - 97

INSTITUTE OF DISTANCE EDUCATION

UNIVERSITY OF MADRAS

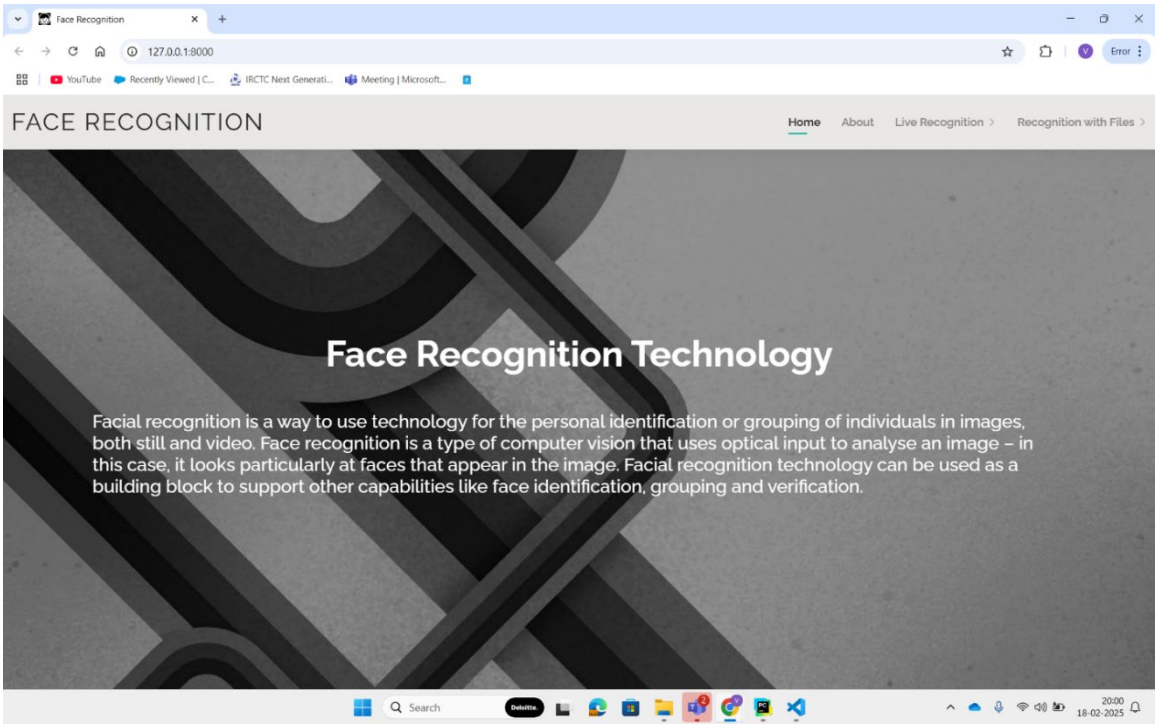
CHENNAI - 600 005

DECEMBER 2024

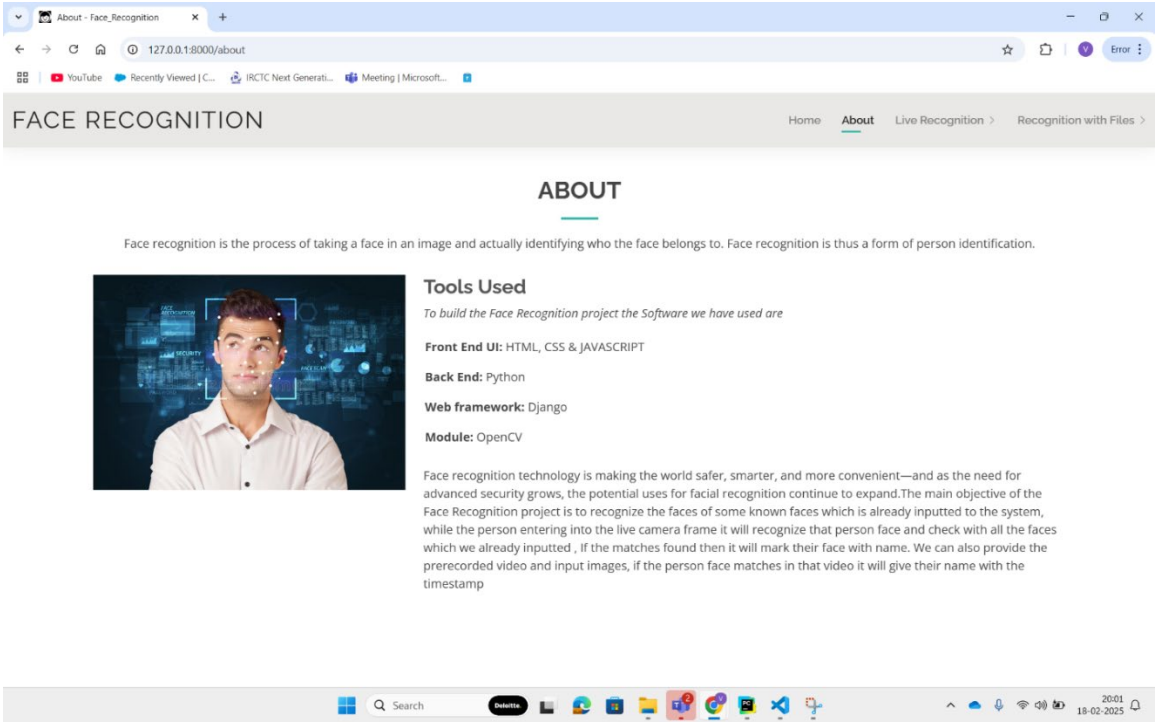
8. FORMS AND REPORT

SCREENSHOTS

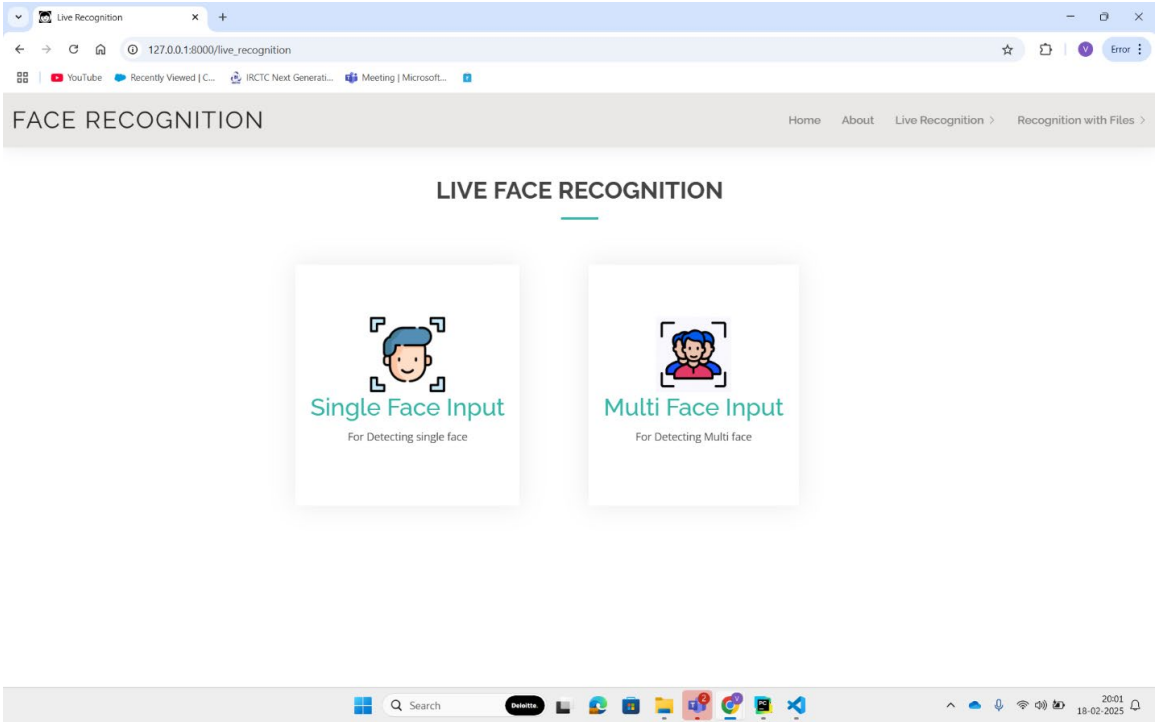
HOME



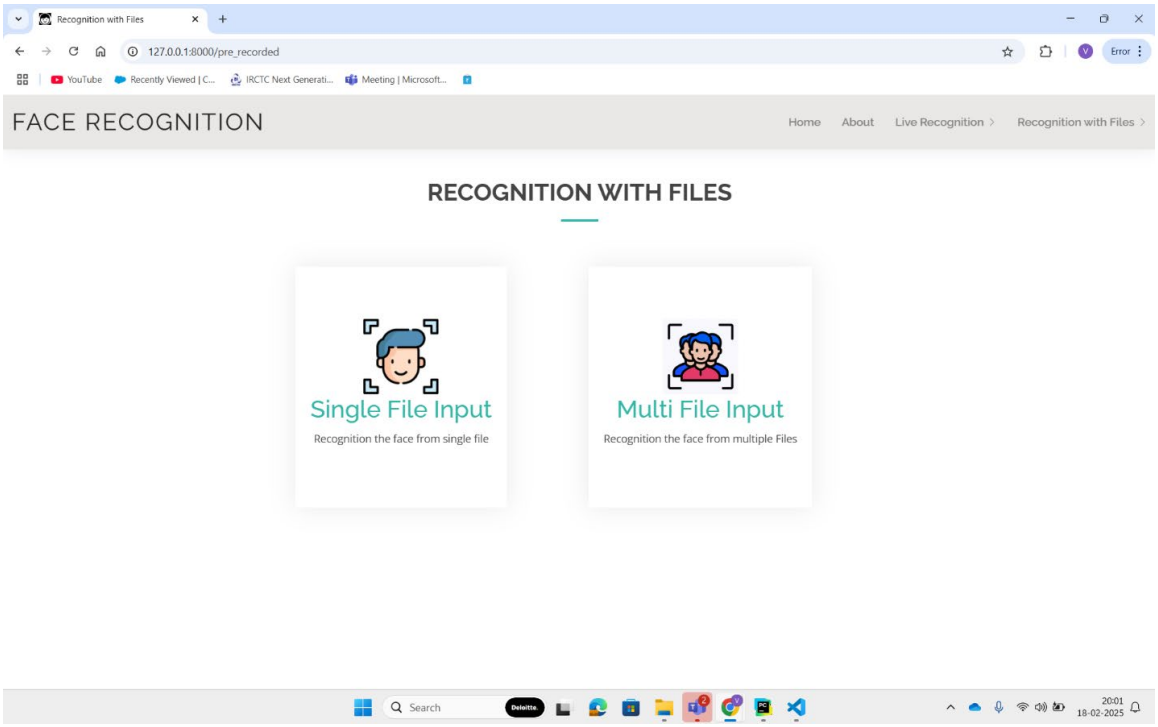
ABOUT


About - Face_Recognition
127.0.0.1:8000/about
YouTube
Recently Viewed | C...
IRCTC Next Generati...
Meeting | Microsoft...
FACE RECOGNITION
Home
About
Live Recognition
Recognition with Files
ABOUT
Face recognition is the process of taking a face in an image and actually identifying who the face belongs to. Face recognition is thus a form of person identification.
Tools Used
To build the Face Recognition project the Software we have used are
Front End UI: HTML, CSS & JAVASCRIPT
Back End: Python
Web framework: Django
Module: OpenCV
Face recognition technology is making the world safer, smarter, and more convenient—and as the need for advanced security grows, the potential uses for facial recognition continue to expand.The main objective of the Face Recognition project is to recognize the faces of some known faces which is already inputted to the system, while the person entering into the live camera frame it will recognize that person face and check with all the faces which we already inputted , If the matches found then it will mark their face with name. We can also provide the prerecorded video and input images, if the person face matches in that video it will give their name with the timestamp
Search
20:01
18-02-2025

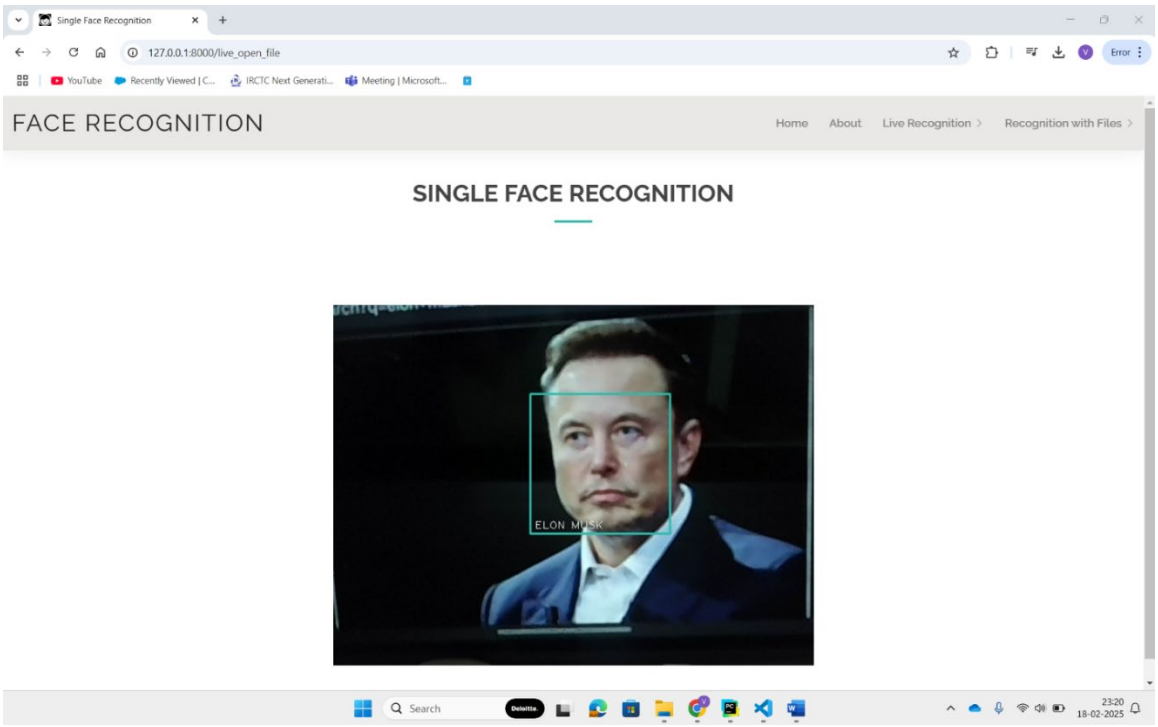
LIVE FACE RECOGNITION



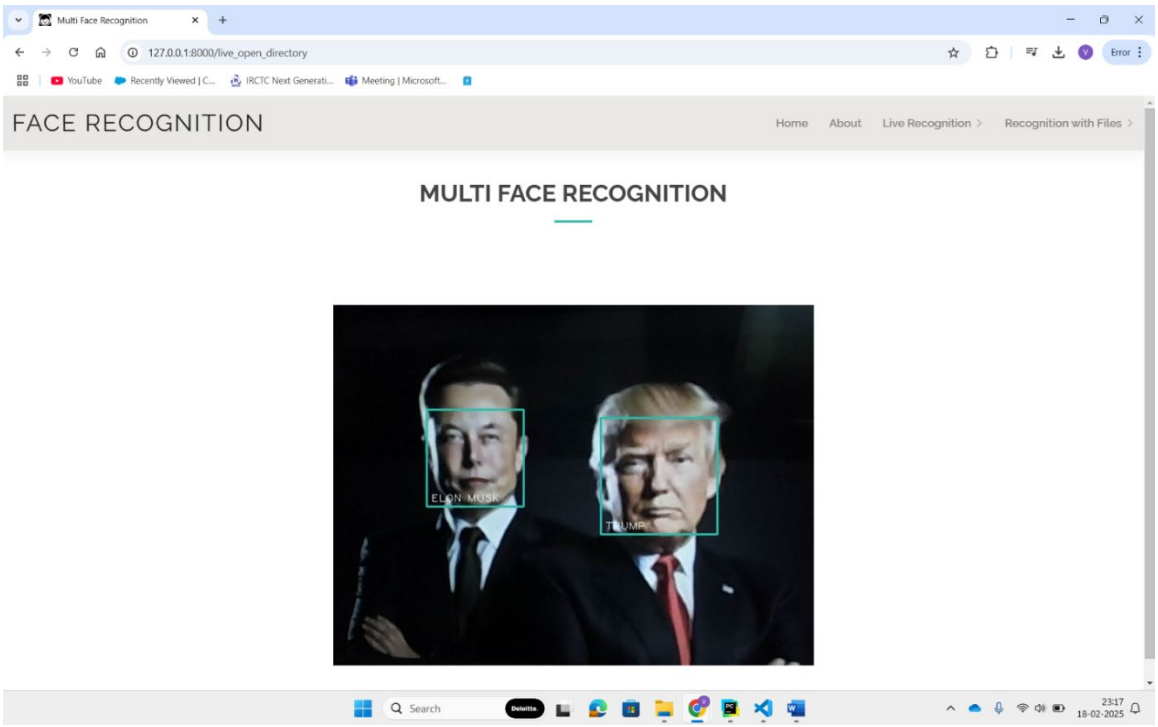
RECOGNITION WITH FILES



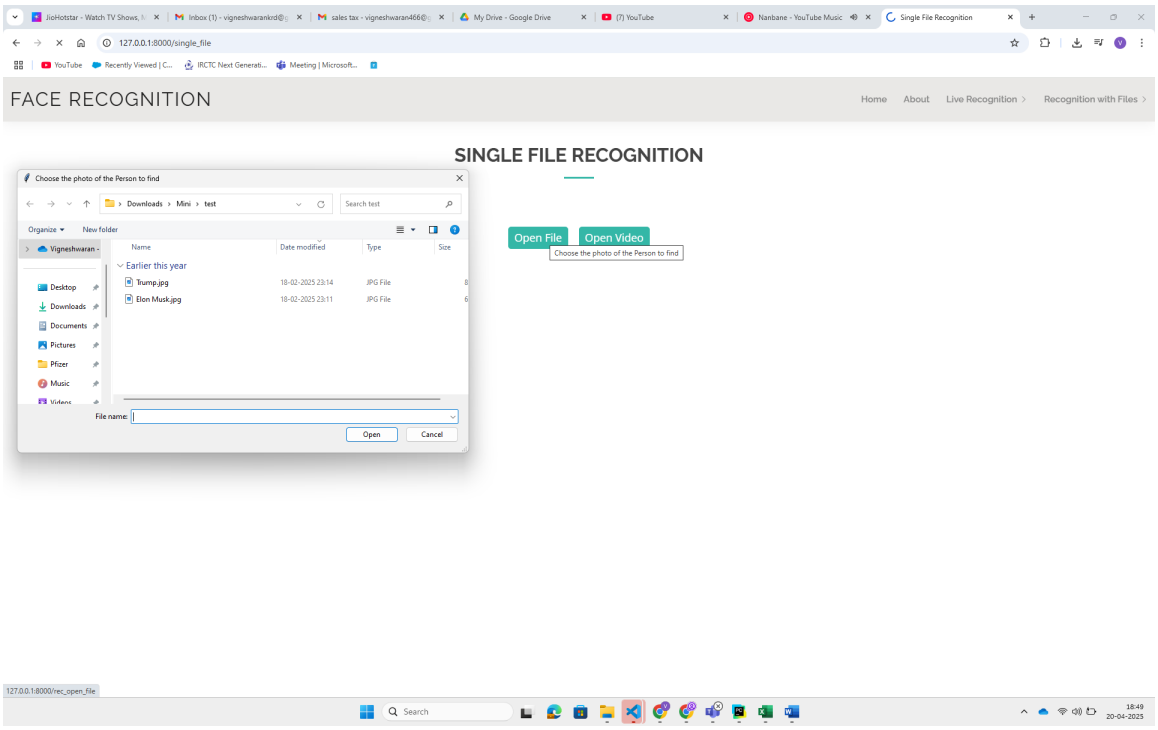
SINGLE FACE RECOGNITION



MULTI FACE RECOGNITION



SINGLE FILE RECOGNITION



SINGLE FILE RECOGNITION OUTPUT