FACE UNLOCK USING PYTHON

A Mini Project report

Submitted in the partial fulfillment of the requirements for

the award of the degree of

Bachelor of Technology

in

Computer Science and Engineering

by

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Affiliated to JNTUK, Kakinada; ISO 9001:2015 Certified
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Certificate

This is to certify that the project entitled "**FACE UNLOCK USING PYTHON**" is being submitted by **SADHIK SHAIK** in partial fulfillment for the award of B.Tech in Computer Science & Engineering to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by her under our guidance.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

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FACE UNLOCK USING PYTHON

Abstract

Now-a-days privacy plays an important role in everyone's life. Everyone wants there data to be secure and safe. They wanted to not show their data and to be hidden. For this problem this project is one of the solution. By using face they can lock and unlock their data i.e., images, audios and other important files. In this we detect the object using Haar feature-based cascade classifier. By this it takes the images of the person. Then it will train on that data. And then when ever the user opens the folder that is locked by him then internally the python file will run. If it detects the face and compares with the trained data. And if the face is matched and the confidence is greater than 75% then it unlocks. If it not matches it won't open remains locked.

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