

**SECURE IRIS AUTHENTICATION USING VISUAL
CRYPTOGRAPHY**

M SABIH KHAN (02-134172-147)

SYED TAHA RAZA (02-134172-073)

TALHA AHMED SIDDIQUI (02-134172-126)

**A project report submitted in partial fulfilment of the
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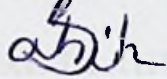
**Department of Computer Science
Bahria University, Karachi Campus**

June,2021

DECLARATION

We hereby declare that this project report is based on our original work except for citations and quotations which have been duly acknowledged. We also declare that it has not been previously and concurrently submitted for any other degree or award at Bahria University or other institutions.

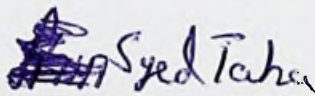
Signature :



Name : M SABIH KHAN

Reg No. : 51681

Signature :



Name : SYED TAHA RAZA

Reg No. : 51862

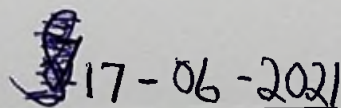
Signature :



Name : TALHA AHMED SIDDIQUI

Reg No. : 51198

Date :



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SECURE TRIS AUTHENTICATION USING VISUAL CRYPTOGRAPHY

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SECURE IRIS AUTHENTICATION USING VISUAL

CRYPTOGRAPHY

ABSTRACT

Biometrics discusses automatic ways to find a person or verify a person's identity based on physical or behavioral factors. Visual cryptography is a private sharing system in which a secret image is enclosed in a cell that independently reveals that there are no facts about a unique private image. Since the biometric template is stored in a single database, due to security threats the biometric template can be altered by the attacker. If the biometric template is changed by an official person then they will not be allowed to access the source. To address this problem visual cryptography schemes can be used to comfort the iris template. Visual cryptography offers a first-of-its-kind approach to assisting such security concerns and additional coverage. Especially with the rise of human laptop contact, the discovery of the eye world has drawn good attention over the past decade. In this experiment, a country eye detection device was introduced basically based on round hough transform (cht). First, a face-to-face shot is removed from the gray-degree photographs. After some advanced steps, the life patterns of the circular structure are searched within the image created by the use of cht. The life of the iris circular structure is searched inside the image with the eyes with the help of a circular hough remodel.

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