

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311063861 A

(19) INDIA

(22) Date of filing of Application :22/09/2023

(43) Publication Date : 13/10/2023

(54) Title of the invention : SYSTEM AND METHOD FOR REAL-TIME AUTHENTICATION OF A USER DEVICE

(51) International classification :G06F0021320000, A61B0005000000, G06F0003010000, H04W0012060000, H04L0009320000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

The present disclosure relates to a system and a method for real-time authentication of a user device. The system for real-time authentication of a user device includes a sensing unit configured to acquire one or more images of an eye of a user and a processor operatively coupled to the sensing unit, the processor is coupled to a memory storing instructions executable by the processor. The processor is configured to receive the acquired one or more images, analyze the received one or more images; generate a biometric template representing unique biometric features of the user's eyes based on the analyzed images, and compare the generated biometric template with a stored biometric template of the user and authenticate the user secure access to the user device.

No. of Pages : 24 No. of Claims : 10