

SECURE ONLINE TRANSACTION WITH USER AUTHENTICATION

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ABSTRACT:

Online transaction process is secure with one-time password (OTP). Generating OTP has many factors that can make OTP unique for every time it is generated. In this paper we implement user Identification using Face Recognition to verify the user. In case of emergency situation, the login can be done using OTP and also the person image is captured and Mail to the Account Holder. Thus, our system has improved security compared to existing System.

Keywords: Face Recognition, Internet of Things

I. INTRODUCTION:

Presently a day with the system world, the path for cybercrime is gotten simpler for hacking reason. On account of this explanation, arrange security has gotten one of the greatest confronting the present IT offices security. We heard a ton about programmers and wafers approaches to take any sensible secret phrase or pin code number character, wrongdoings of ID cards or Mastercard’s misrepresentation or security breaks in any significant structure and afterward build up any data or different significant information from any association or organization. These issues permit us to know the need of solid facial innovation to verify significant information and certifications. This innovation depends on a system called "face acknowledgment" utilizing biometric. Biometric is a type of bio-informatics that utilizes organic properties to recognize individuals. Since biometric frameworks recognizable proof an individual by the natural qualities, they are hard to counterfeit.

II. TECHNIQUES USED IN MACHINE LEARNING

As of late, as indicated by the rising improvement of savvy cell phones and tablet PC, portable web-based business has significantly expanded because of the explanation that the capacity of keen cell phone and tablet PC are consolidated together. M-banking is consequently gotten increasingly helpful, powerful and opportune through the new portable correspondence frameworks. So as to raise the security of M-banking, a few banks receive the one-time secret key (OTP) to cure the conceivable M-banking taking danger. Previously, the OTP is sent to individual cell phone. However, right now a large portion of the savvy cell phone can perform M-banking effectively. In this manner, it increases higher danger of data security because of

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