INTRODUCING A FRAMEWORK FOR PREVENTION OF PERSONAL IDENTIFICATION NUMBER IMPERSONATION

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ABSTRACT

It is a known fact that globally in each and every country Citizens has their National Identity card to prove their identity. And some might have passport or the Driving license. When it comes to Sri Lanka, NIC is a must after the age of 16 years. Importantly the public should provide one of these as proof of identity when they request government services or private sector services such as loans, insurance claim, medical claims, exams, voting, police report etc. But with advanced technology it is not easy to get all the details to a particular identity immediately. Therefore, there are lots of fraud activities happening due to the impersonation of another person's identity. So that, in order to reduce the risk to an extent on this fraud activities issue this research was conducted.

The research proposes a solution such that with a mechanism which prevents personal Identification number impersonation. The solution also aims to prevent personal id number impersonation by introducing a Biometric Enabled Integrated System. In this concept the public will have the ability to request government or private sector services through a single portal within the country and verify their identity then and there.

Evaluation conducted on this research provides a clear understanding that the majority of people face this impersonation fraud activities. and most of them believe that by introducing the concept of personal identification number might reduce the identity theft of an exact person to some extent and also reduce the risk involved in that. Moreover, Government or private sector officials also believe that with the proposed solution the workload will be streamlined among different government departments and will allow them to verify a person's identity immediately.