Abstract

Internet is a huge information center and is used in everyday life essentially. Concerns and issues from parents regarding their children below the age of 18; i.e., unauthentic user surfing adult sites on the Internet, has been regularly reported. As just a careful self-watch by the parents does not get the solution to their concerns, so the proposed idea is to provide an automated system that help parents to stop their children from doing such activities. Therefore, an Adult Site Access Verification System (ASAVS) for non-adults is proposed, in which surfing of such objectionable sites by the users below the minimum legal age bounds can be highly reduced. This proposed system works in the service of the people of the nation to have a
healthy and mature grown up of their kids. The possible embodiment of the proposal is to use a server program that includes the entrusted third party as a verifier of the user surfing on the Internet. This third party represents the national/government authority. The proposed system verifies the user authenticity who wants to access adult sites and contents by cross verification of the user credentials; a special password, called user key password. If user is an adult, then he/she can access such sites after successful authentication, otherwise the request will be denied as a non-adult will not have voter id number, driving license etc. or a special user key password. With this, an immediate SMS and a mail will be sent to the authenticated user’s mobile and email id to intimate him about such access. Therefore, if any user hits such URLs unintentionally, he/she gets a warning message and system asks the user to share the credentials for authentication of his/her legal age eligibility. As any unauthentic user will not be having third party registered credentials, thus if he/she uses parent’s or other’s information for authentication, the credentials owner will be immediately informed via SMS or email services.

References

- Crystal Roberts, J. D. Internet Filtering and Blocking Technology.

Index Terms

Computer Science
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Keywords

Access Control  Adult Site Access  Child Users  Credentials