

HIGHLY SECURED MAILING SYSTEM

A PROJECT REPORT

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ABSTRACT

Highly Secured Mailing is a conceptualized and advanced project on mailing system. The current mailing system enables us the usage of high speed communication through Electronic mailing system is conceptually upgraded in order to provide high standards of security like eavesdropping and hacking of passwords.

“Highly Secured Mailing System” is dynamic, scalable, non hackable, low latency and maintainable. The mailing system is different from all other mailing systems due to its unique feature of password generation for each received mail and encryption algorithms. This mailing system is supported by the usage of advanced and highly efficient softwares like C sharp, ASP .NET, MSOL 2005 at the back end and Visual Studio 2008 at the front end.

The difference of Highly Secured Mailing System and the other mailing systems can also be given by the usage of mobile phones for receiving the password per mail to the receiver’s mobile phone. The password is in alphanumeric form. The password will be automatically sent to the receiver’s mobile phone through the sms. That is, every mail sent has its unique keyword generated which is the only means to open the received mail. The key once generated is sent to the receiver’s mobile phone. And thus only the intended receiver can open this e-mail by use of the password. Hence this system provides security, such that, the password cannot be known to an intruder.

This kind of security is highly useful in financial based e-mails. It is generally not preferred for general day-to-day forwarded e-mails. Its main application is in big organizations where security is of higher importance.