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ABSTRACT VOLUME

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IMPLEMENTATION OF EFFICIENT PASSWORD AUTHENTICATED KEY EXCHANGE SYSTEM BASED ON RSA

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ABSTRACT

Nowadays, there are many aspects to security and many applications, ranging from secure commerce and payments to private communications and protecting passwords. One essential aspect for secure communications is the key exchange system. This paper is intended to implement the efficient password by using authenticated key exchange for car toll gate system. In this paper, RSA algorithm is used to change the key (password) between client and server before login. This system is implemented with ASP.Net with C#.

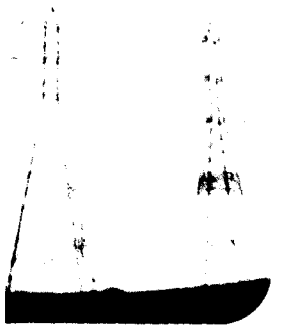
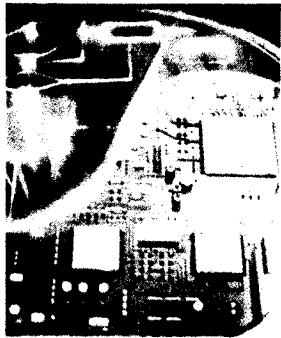
Keywords — Decryption, Encryption, Key Exchange, RSA Algorithm

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