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(57) Abstract :

The present invention relates to the use of Secure Sockets Layer (SSL) and Transport Layer Security (TLS) protocols to establish a secure environment for e-commerce sites. The system (100) addresses the need for enhanced security in online transactions by leveraging encryption, authentication, and data integrity mechanisms provided by SSL and TLS protocols. By implementing these protocols, sensitive information exchanged between one or more clients (110) and a server (106), including client (110) personal data and payment details, can be securely transmitted. The system (100) further ensures the authentication of server (106) through the use of digital certificates issued by trusted certificate authorities, establishing trust between the e-commerce site and the one or more clients (110).

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