ABSTRACT

Electronic commerce can help enterprises reduce costs, obtaining greater market and improving relationships between buyers and sellers. At the same time, new risks and threats have also occurred, such as, mutual trust, identity theft, intellectual property, network attacks and so on. This project work analyses the threat classification and control measures, and on this basis, a fingerprint-based security model for E-commerce is developed in which enterprises that engage in E-commerce can use the framework to improve their security. The security model is developed using minutiae extraction for extracting the fingerprint images and PHP and JavaScript for the verification phases.