

## ABSTRACT

### **“DESIGN AND CONSTRUCTION OF APARTMENT PARKING SECURITY SYSTEM USING WEB-BASED FACE RECOGNITION”**

*Computer technology is currently growing very rapidly and is one of the fields that has a very significant position in several aspects of human life, including in the field of security. Currently, many security systems for access to a house or room have been made with several identity verifications using a computer system, either by using keys, cards, passwords, and so on. Face recognition is one of the biometric technology identification techniques using the individual's face as the main parameter. Broadly speaking, the face recognition process consists of three main processes, namely face detection, face or feature extraction, and face recognition. Facial recognition technology can be used for security systems, especially for parking security systems in apartments..*

*Keywords: Web, facerecognition, face detection, security.*