Secure ATM: Advanced Security for ATM using Face Liveness Detection

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Abstract: *Face popularity play a important position in type of packages from biometrics, surveillance, security, identity to the authentication. In this paper we design and implement a ATM security system where access people whose faces are available in the training database. Then face reputation is accomplished to decide the authority of the individual to go into the touchy area. At the identical time, we tune the coordinate of detected motion. Failing to apprehend the face ultimately passes the predicted coordinate to anaesthetic gun for concentrated on the intruder automatically. Experimental effects reveal the effectiveness of proposed Bank locker safety machine to limit on the unauthorized get admission to and improved reliability via way of means of use of Liveness face recognition.*

Keywords: Face Detection, Feature Extraction, Tracking, Machine Learning.

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