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(57) Abstract :
 An artificial intelligence-based security system for financial institutions, comprising plurality of radar sensors associated with system installed at entrance of a financial institution detect presence of any metallic object, multiple imaging units 101 inside institution detect presence of any metallic object in vicinity of entrance to monitor facial expressions of every individual entering or present inside institution, a database for comparing facial features of individuals with pre-fed facial features of criminals stored in database, a surveillance module for detecting presence of any violent activity inside institution, multiple speakers 102 arranged at different locations inside institution to produce audio alert for individuals present inside institution regarding detected violent activity, a communication module for controlling activities inside institution to prevent theft at institution, plurality of flash torches 103 suspended from ceiling of institution to project high-intensity light onto suspected individual's face in view of warning and deteriorating suspected individual.

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