ABSTRACT

Introducing a simple yet powerful solution to finding missing children: our user-friendly online portal harnesses face recognition technology powered by machine learning . Law enforcement uploads photos and details of missing children, while the public can easily snap and upload suspected missing child photos from their smartphones. Our system employs advanced machine learning algorithms to analyze facial features and patterns, swiftly matching these images with database entries, and alerting authorities to potential matches for immediate action. This streamlined approach empowers both law enforcement and the public to play an active role in reuniting missing children with their families, offering hope and support in times of distress. The two significant changes brought to society by this project are heightened community involvement in child protection efforts, fostering a sense of collective responsibility, and improved efficiency in locating missing children, thereby enhancing overall safety and well-being.