

ABSTRACT

With the rise of artificial intelligence (AI) technology, however, the search for missing persons has the potential to become more efficient and effective. One such AI-powered tool is the AWS Facial Recognition technology, which can greatly assist in the search for missing persons.

The proposed AI Assisted Search system involves the police uploading missing person details into a portal, which would include the option for relatives to upload details and pictures of the missing person. The pictures uploaded would then be recognized using AWS Facial Recognition Technique, a powerful and accurate technology that can quickly identify individuals in photos and videos. The admin would then check the uploaded case details to see if there is a match with the missing person. If any third party finds a missing person suspicious, they can also upload details into the portal, further increasing the chances of locating the missing individual.

The use of facial recognition technology in missing person searches has been proven to be successful, as it allows for the quick and accurate identification of individuals. In addition, facial recognition technology can scan online databases of missing persons, such as the National Center for Missing and Exploited Persons, to identify potential matches. This greatly reduces the time and resources needed for manual searches, allowing law enforcement agencies to focus on other aspects of the search process.

Once a match is found between the uploaded pictures, an alert email would be sent to the relative, providing them with information on the location and status of their missing loved one. This system has the potential to greatly improve the efficiency of missing person searches and to provide a faster and more accurate means of finding missing individuals.