**CHILD MISSING**

**INTRODUCTION**

Children are the greatest asset of each nation. The future of any country depends upon the right upbringing of its children. India is the second populous country in the world and children represent a significant percentage of total population. But unfortunately a large number of children go missing every year in India due to various reasons including abduction or kidnapping, run-away children, trafficked children and lost children. A deeply disturbing fact about India’s missing children is that while on an average 174 children go missing every day, half of them remain untraced. Children who go missing may be exploited and abused for various purposes. As per the National Crime Records Bureau (NCRB) report which was cited by the Ministry of Home Affairs (MHA) in the Parliament (LS Q no. 3928, 20-032018), more than one lakh children (1,11,569 in actual numbers) were reported to have gone missing till 2016, and 55,625 of them remained untraced till the end of the year. Many NGOs claim that estimates of missing children are much higher than reported. The missing from one region may be found in another region or another state, for various reasons. So even if a child is found, it is difficult to identify him/her from the reported missing cases. A framework and methodology for developing an assistive tool for tracing missing child is described in this paper. An idea for maintaining a virtual space is proposed, such that the recent photographs of children given by parents at the time of reporting missing cases is saved in a repository . The public is given provision to voluntarily take photographs of children in suspected situations and uploaded in that portal. Automatic searching of this photo among the missing child case images will be provided in the application. This supports the police officials to locate the child anywhere in India.

**OBJECTIVE**

* Mostly missing child cases are reported to the police.
* The child missing from one region may be found in another region or another state, for various reasons.
* So even if a child is found, it is difficult to identify him/her from the reported missing cases.
* A framework and methodology for developing an assistive tool for tracing missing child is described in this paper.
* An idea for maintaining a virtual space is proposed, such that the recent photographs of children given by parents at the time of reporting missing cases is saved in a repository.
* The public is given provision to voluntarily take photographs of children in suspected situations and uploaded in that portal. Automatic searching of this photo among the missing child case images will be provided in the application. This supports the police officials to locate the child anywhere in India.

**Problem Definition**

In India a countless number of children are reported missing every year. Among the missing child cases a large percentage of children remain untraced. This paper presents a novel use of deep learning methodology for identifying the reported missing child from the photos of multitude of children available, with the help of face recognition. The public can upload photographs of suspicious child into a common portal with landmarks and remarks. The photo will be automatically compared with the registered photos of the missing child from the repository. Classification of the input child image is performed and photo with best match will be selected from the database of missing children.

**BASIC FUNCTIONALITIES**

POLICE DEPARTMENT

* Register
* Log In
* View complaint details
* Close complaint details
* View founded child details
* Close founded child details
* View complaint history
* View founded child history
* Search founded child with link

USER

* Register
* Log in
* Missed child complaint Registration
* Founded child complaint Registration
* Searching child with photo

ADMIN

* Login
* Register And Manage User
* Register And Manage Police Department
* Provide badge number for police department

**SYSTEM CONFIGURATION**

**• Hardware requirements:**

• Processer : i3

• Ram : Min 4GB

• Hard Disk : Min 100GB

**• Software Requirements:**

• Operating System : Windows 10 Any 32 bit or 64 bit platform

• Technology : Python 3.7

• IDE : VS code

• Front-End : HTML, CSS, Java Script

• Data Base :MySQL