Project # 3

Police Athletics LLC

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In 2016, law enforcement reported over 600,000 missing children nationwide. At this time, there remain over 80,000 missing from the original total. While this number increases each year, it is paramount to reduce the response time for public awareness of those that have been: (1) reported missing or (2) lured into human trafficking. In addition, the rise of human trafficking burdens the system for the half- million law enforcement (LE) officers nationwide. Unfortunately, missing children and victims of human trafficking are often unreported. Many parents are discouraged by the processes from making an official report to local authorities. Resources for retrieving proper investigatory leads are thereby limited for LE to launch proactive investigations. Instead, LE personnel are isolated to a reactive investigation that may sadly lead only to a recovery of the missing/exploited victim’s remains. It is essential that families of those that have gone missing or been a victim of human trafficking should be given the advantage of online digital tools to help in locating their missing loved ones. This project will address current deficiencies in publicizing information about missing persons and then facilitate enlisting of the public’s assistance in trying to locate these children.

**MIM System Software (MIMS)**

The MIMS software will have interfaces for several user groups:

• Parents

• Law Enforcement

• Friends

• Concerned Public

The MIMS software will expedite the creation and sharing of pertinent information between the above groups. It will control the processes and workflow that are begun by the parents needing to report a missing child. The following project description covers the user roles for the main modules of the Host System and Mobile App.

**Parents**

Information retrieved from the parents must include the following:

• Name of parents

• Parents contact information

• Email

o Phone number o Address

• Victim’s name\*

• Height, weight, color of hair & eyes, and additional marks/tattoos\*

• Victim’s Date of Birth\*

• Victim’s Phone number (If any)

• Phone Contacts

• Victim’s social media account information - It is important that various social media outlets are utilized to bring awareness to the community that is identified by the victim’s contacts. o Facebook, Instagram, email account Aforementioned information retrieved from the parents that are marked with an asterisk\* - will only be displayed on a separate public page.

**Law Enforcement**

This is access point where information uploaded from the victim’s phone contacts, and social media accounts is only available to LE personnel.

Phone Contact List

• Numbers retrieved from phone

• Frequency of numbers called

• Last known numbers

• Data provided in Excel format so can be analyzed for investigation

• Text messages also included in this format for analysis

**Friends**

A list of known friends that the family can identify for investigatory purposes to reduce those involved. Cross reference will be made of contact list with known phone numbers.

**Concerned Public**

The public is the heretofore untapped population that must be enlisted to aid the search processes. It is expected that everyone will be generally interested and sympathetic. However, it is necessary to give the public an easy to use but powerful Smartphone App that can permit submitting sighting location to MIMS, perform quick facial photo digital analysis, and send communication with MIMS. In addition, the inclusion of a facial recognition application that may be utilized, by private citizens, from uploading a photo of the victim onto the MIMS application. The identity of the victim will be compared with the provided photos of the victim’s family. A confirmation of where the photo was taken can give the family, and law enforcement investigators, proper leads to their loved ones.

**Requirement Capture MIM System Software (MIMS)**

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| --- | --- | --- | --- | --- |
| Req | Description | Priority | Unit Test | Date Completed |
|  | | | | |
| **1** | Log In |  |  |  |
|  | | | | |
| **2** | Parents |  |  |  |
|  | | | | |
| **3** | Law Enforcement |  |  |  |
|  | | | | |
| **4** | Friends |  |  |  |
|  | | | | |
| 5 | Concerned Public |  |  |  |
|  | | | | |
| 6 | General Requirements |  |  |  |