**LocateLost**

**Abstract:**

Every day, thousands of children go missing worldwide. According to rough estimates, approximately 8 million cases are reported globally each year, with around 7,000 to 8,000 cases in Pakistan. The recovery rate is about 60-70% globally, while in Pakistan, it's roughly 40-50%. The traditional methods of finding missing children are time-consuming and require significant effort. To make this process more efficient and streamlined, we introduce LocateLost—an app designed to reunite parents with their missing children.

LocateLost allows parents to upload pictures and essential details of their missing children. This data is stored in the app’s database. When someone finds a child, they can use the app to take a picture, and the algorithm will work to match the image with the stored data. If a match is found, the app immediately alerts the parents and law enforcement agencies, providing them with the location and information of the person who found the child.

**United Nations Sustainable Development Goals:**

1. **SDG #3: Good Health and Well-being:**

Ensures the physical and mental well-being of families by reuniting missing children with their parents, reducing emotional stress and trauma**.**

1. **SDG #9: Sustainable Cities and Communities:**

Promotes the use of innovative technologies and digital infrastructure to streamline the process of locating missing children effectively.

1. **SDG #11: Industry, Innovation, and Infrastructure:**

Contributes to building safer and more resilient communities by enabling swift responses to missing child cases.

1. **SDG #16: Peace, Justice, and Strong Institutions**:

Supports justice and strengthens institutions by collaborating with law enforcement to ensure the safety of children and reduce child abduction cases.

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**Workflow Diagram:**

