

**Project Proposal**

**Reconnect**

(The Missing Person Finder)

**Date: 28-02-2024**

**Prepared for:**

**OOP-2 Lab Project**

**Prepared By:**

**Munna Biswas** [221-15-5261]

**Afrin Jahan Moon** [221-15-5499]

**Mehenaz Afsana** [221-15-5693]

**Introduction:**

This project is about creating a simple app using Python that helps find missing people or identify unknown bodies. It aims to bring closure and comfort to families dealing with the uncertainty of a missing loved one.

**Objectives:**

* Make a user-friendly app to manage information about missing people and unidentified bodies.
* Create a smart system that matches missing person reports with details about unidentified bodies.
* Keep all data safe and private.
* Build an easy-to-use interface for families and authorities.
* Make it easy for different groups like police and families to work together.

**Key Features:**

* **User Registration:** People can sign up and log in securely.
* **Data Management:** Users can enter information about missing people and unknown bodies.
* **Matching System:** The app will use a smart system to compare details and find potential matches.
* **Search Tool:** Users can search for missing people or unidentified bodies and get updates.
* **Notifications:** The app will send alerts about potential matches or new information.
* **Secure Communication:** It will have safe ways for users to talk to each other.

**Technology Used:**

* **Python:** The main programming language.
* **Django:** A tool to help build the app quickly.
* **Database:** For storing information safely.
* **Machine Learning:** To make the matching system smart.
* **Web Tools:** For making the app look good and work well.
* **Security Features:** To keep all data safe and private.

**Deliverables:**

* A working app with a simple design.
* Easy-to-follow instructions on how to use the app.
* Tests to make sure everything works well.
* Training for people who will use the app.

**Timeline:**

* **Planning (2 months):** Figuring out what the app needs to do and how it will work.
* **Development (4 months):** Building the app and making sure it does what it's supposed to.
* **Testing (2 months):** Trying out the app to find and fix any problems.
* **Deployment (1 month):** Putting the app out there for people to use and teaching them how.

**Conclusion:**

This project aims to create a helpful tool for finding missing people and identifying unknown bodies. By keeping things simple and easy to use, it hopes to provide support to families and authorities during difficult times.