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| **Menoufia University** |  |  |
| **Faculty of Computers and Information** | **Year: Fourth Year** |
| **Computer Science Department** | **Graduation Project 202**3**-202**4 |

**Graduation Project**

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* **Supervised by:**

Dr. Mahmoud Hussein.

* **Project Title:**

Find-Me.

* **Description:**

Find-Me is a comprehensive solution for parents to find their lost children using face detection technology.

**Chapter 1**

**Overview**

**Abstract**

This documentation is oriented to:

* Customer
* Manager
* Developer
* Designer
* Tester

**Introduction**

Welcome to the documentation for ***Find-Me***, an innovative graduation project that introduces a groundbreaking web and mobile application designed to help parents locate their lost children using state-of-the-art face detection technology.

This project integrates advanced machine learning algorithms with a user-friendly interface and a robust backend system to deliver a comprehensive solution to one of the most distressing challenges parents can encounter.

**Why Find-Me?**

**Find-Me vs Social Media**

**Chapter 2**

**Proposed System**

**Definition**

**Description**

Find-Me is a comprehensive solution for parents to find their lost children using face detection technology

**Who are the users of Find-Me?**

* **Parents:** people who lost their children
* **Helpers:** people who find the lost children and want to help find their parents

**Requirements**

**User registration and authentication:**

The platform should enable Parents and Helpers to register and log in to the platform using their credentials

**Face detection technology:**

The platform should utilize advanced technology to extract and compare faces, returning the most similar match to the image uploaded by the user.

**Connect Parents and Helpers:**

The platform should facilitate communication between Parents and Helpers through their profile details when a match between two images is found.

**User Interface:**

The platform should feature a user-friendly interface that is easy to navigate and use.

**Security:**

The platform should be secure and protect user data from unauthorized access.

**Compatibility:**

The platform should be compatible with different web browsers and devices to ensure accessibility for all users.

**Scalability:**

The platform should be scalable to accommodate a growing number of users and increasing data loads.

**Modelling**

**Chapter 3**

**Technical Work**

**Configuration**

**Practical Steps**

**Chapter 4**

**Results**

**Web Client**

**Mobile Client**

**Glossary**

**User Requirements Definition**

**Testing**

**Future Work**

**Conclusion**

**References**