

Lost & Found Management System

Major Project – Programming in C

Overview

- A modular C-based system to record, search, match,
- and manage lost & found items.

Features

- - Add Lost Items
- - Add Found Items
- - Search Function
- - Smart Matching
- - Daily Report Generation
- - Persistent Storage

Project Structure

- /src (C source files)
- /include (Header files)
- /docs (Project Report)
- /assets (Screenshots)
- sample_input.txt
- README.md

Implementation

- Modular programming with 7 .c files
- 6 header files
- Binary file storage
- Dynamic memory & pointers
- String tokenization for matching

Flow

- User Input → Validation → Store in .db
- Search → Match → Generate Report

Conclusion

- Project demonstrates all major C concepts:
- structures, files, modularity, pointers, functions.