

# 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.