Student Lost & Found Website

1. Project Description

The Student Lost & Found Website is a centralized digital platform developed to help students report, track, and recover lost items within a college or university campus. In traditional systems, students rely on notice boards or word-of-mouth communication, which is inefficient and often results in permanent loss of items. This platform replaces that approach with a secure, searchable, and user-friendly web solution. Students can post details of lost or found items, upload images, specify locations and dates, and directly contact the concerned person once a match is found. The system ensures transparency, faster recovery, and improved campus coordination. The project uses modern web technologies such as React.js, REST APIs, and a database-driven backend, making it scalable and suitable for real-world deployment.

2. User Roles

Student/User:

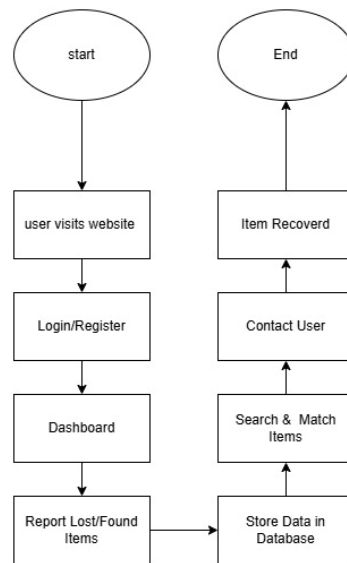- Register and login securely
- Report lost or found items

Admin:

- View and manage all item listings
- Remove spam or fake entries
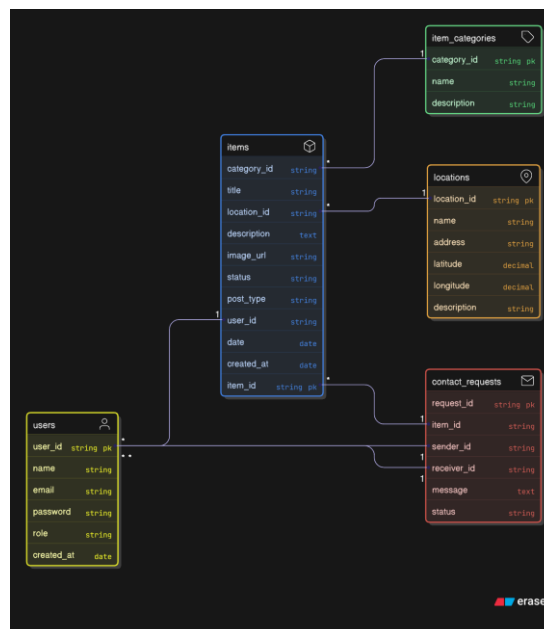- Monitor recovery statistics- Manage user accounts

3. Website Modules

1. Authentication Module – Handles user registration, login, and session management.
2. Lost Item Module – Allows users to report items they have lost.
3. Found Item Module – Allows users to report items they have found.
4. Search & Filter Module – Enables quick searching and filtering of items.
5. Item Matching Module – Helps identify potential matches between lost and found items.
6. Admin Module – Used by administrators for moderation and system control.

4. System Flowchart (Logical Flow)

This flowchart illustrates the working process of the Student Lost & Found Website. The process starts when a user visits the website and logs in or registers. After accessing the dashboard, the user can report a lost or found item, which is then stored in the database. The system allows users to search and match items, contact the concerned person, and finally mark the item as recovered, completing the process.

5. Database Schema Description

Each user can create multiple item posts. Every item is linked to exactly one user using the user_id as a foreign key. Contact requests connect two users through a specific item, allowing secure communication without exposing personal contact details.

This expanded documentation makes the Student Lost & Found Website suitable for mini-projects, major projects, and academic evaluations.