

CS1211 PROJECT PHASE 01

Fields	Details
Section	A
Group Members USN and Names	Amruthesh C Hiremath - 1RUA24CSE0042 Anant Nagaraj Hegde - 1RUA24CSE0045
Project Title	UNIVERSITY LOST AND FOUND SYSTEM
Date of Submission	23-03-2025

Course Instructor
(Signature with date)

Team Lead
(Signature with date)

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Project Title:

University Lost and Found System

Problem Statement:

University campuses are large and busy, which leads to students, faculty, and staff frequently losing personal items. Traditional lost and found systems (like physical boards or informal announcements) are inefficient and unreliable, causing delays and miscommunication.

Challenges:

- Lack of a centralized system for tracking lost and found items.
 - Difficulty in matching lost and found reports.
 - Inefficient claim verification process, leading to unreturned items.
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Purpose:

The primary goal of this system is to create a centralized yet decentralized Lost & Found Network that enables users to:

- Report lost items with detailed descriptions and last known locations.
- Report found items to assist in returning them to their rightful owners.
- Search for lost or found items using filters like item category, location, and date.
- Claim items securely, ensuring rightful ownership through a verification process.
- Improve efficiency in handling lost and found cases using a structured database-driven system instead of manual methods.

This system aims to streamline the process of returning lost items, enhancing convenience and reducing the loss of valuable belongings.

Scope:

Core Features:

- **Lost Item Reporting** – Users can submit details of lost items, including description, category, last seen location, and date.
 - **Found Item Reporting** – Users can submit details of items they have found, specifying the location and description.
 - **Item Search & Matching** – Users can search for lost/found items by filters like category, location, or date.
 - **Claim Verification System** – Ensures rightful ownership by allowing users to submit a claim and provide proof.
 - **Status Tracking** – Items are categorized as Open, Claimed, Resolved to track their progress.
 - **Feedback & Reporting** – Users can provide feedback on the platform's efficiency.
 - **Admin Control Panel** – Admins can monitor and verify lost & found reports, approve/reject claims, and manage database entities like categories and locations.
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Stakeholders:

Primary Users:

- **Students** – To report and search for lost/found items.
- **Faculty** – To assist in managing lost items.
- **University Staff** – To use the system for lost item tracking.

System Administrators:

- University personnel managing lost and found records.

University Management:

- May oversee the implementation and ensure system compliance with institutional policies.
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