



Lost & Found Application

Next Slide for More





Our Team



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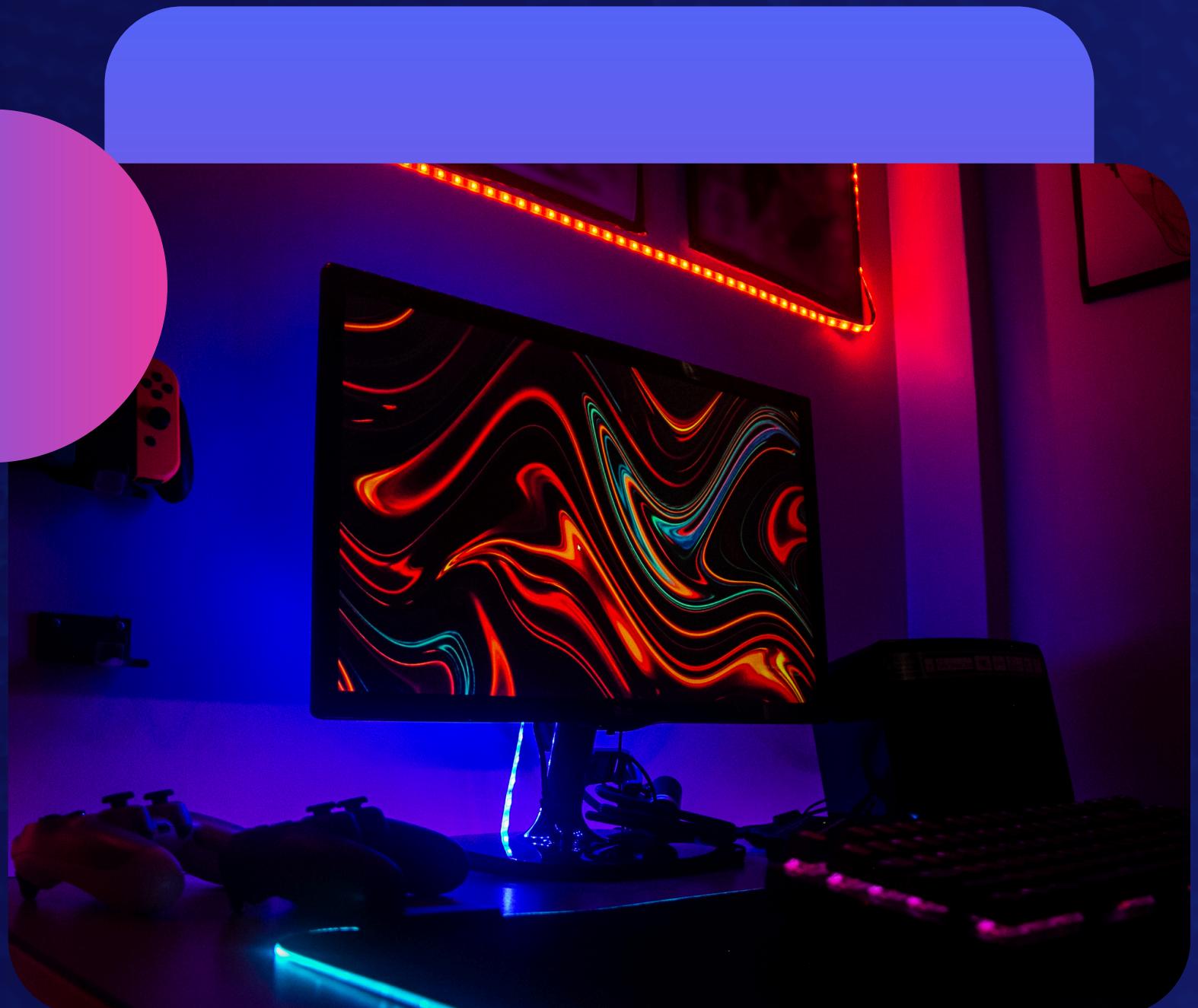
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Problem Statement - Lost Items on Campus

01

No Centralized Statement

Campus loses 1000+ items annually with no centralized system for tracking or retrieval management.



02

Manual Search Inefficiency

Manual processes cause delays; owners spend hours searching without systematic photo or location matching.



03

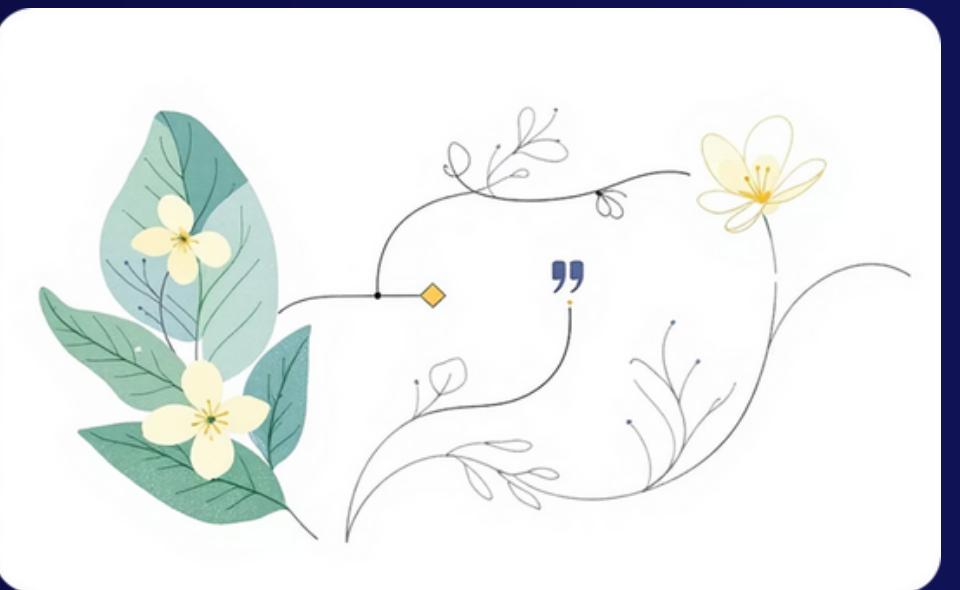
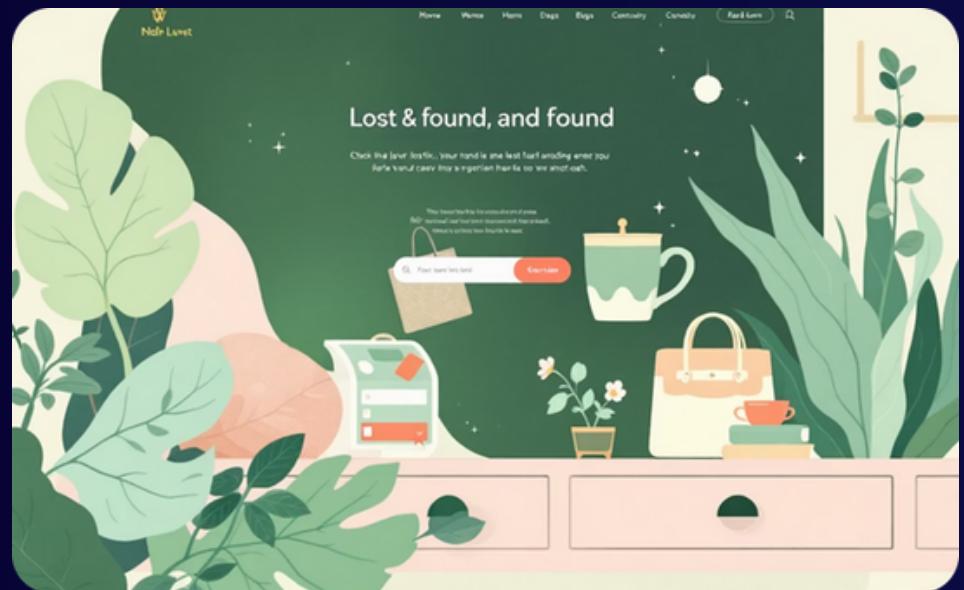
Communication Breakdown

Communication gaps between finders and owners result in lost items remaining unclaimed permanently.



Our Solution : Clamify - Lost & Found Application

We developed an intuitive web application designed to streamline the process of locating lost and found items within the campus community.



User-Friendly Platform

A simple, accessible interface allows anyone to report or search for items with ease.

Quick Matching & Recovery

Facilitates rapid connections between finders and owners, significantly improving recovery rates.

Community Bridge

Actively bridges the communication gap between individuals and campus authorities.



Technical Architecture



Frontend



Backend



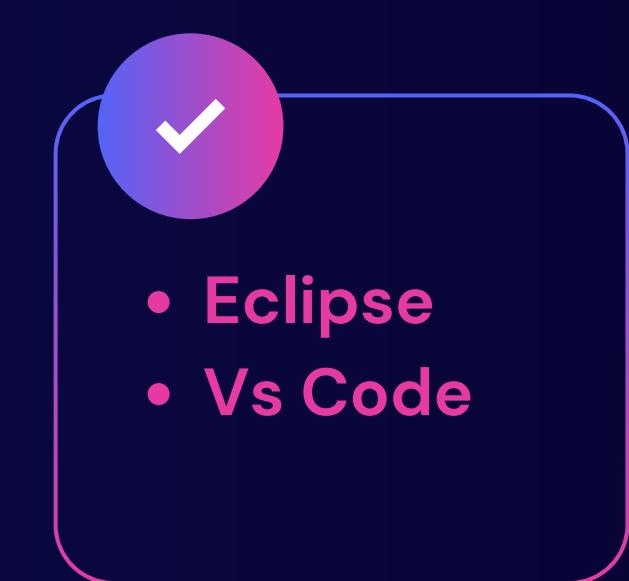
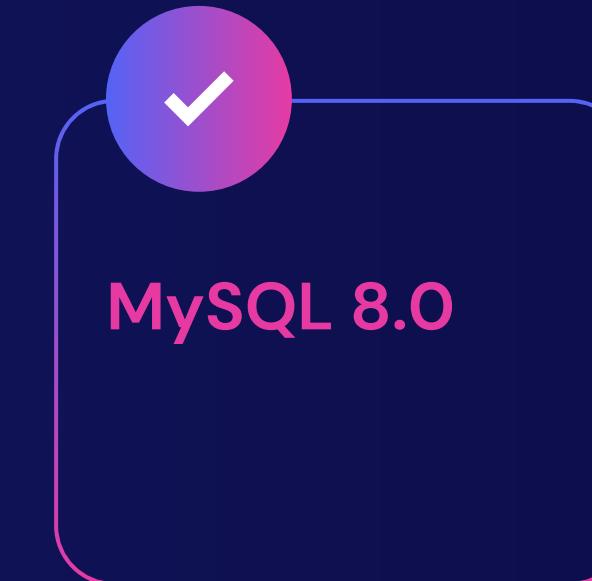
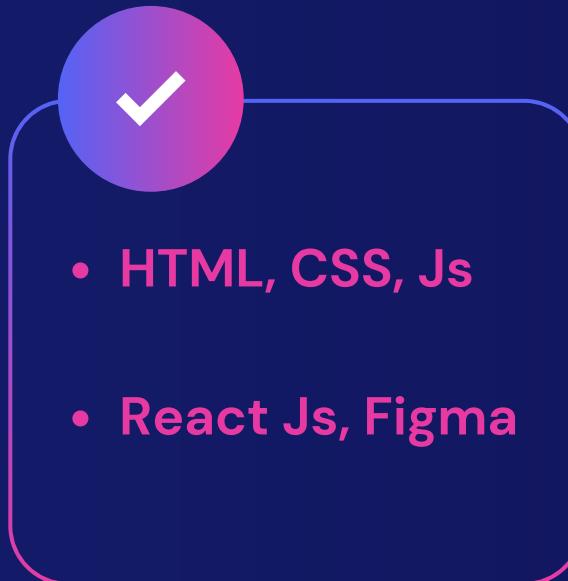
Database



Security & Tools



IDE





Key Features

User - features

- Users can easily post detailed information about lost or found items, including rich descriptions and accompanying photographs.
- A powerful search functionality allows users to filter items by category or relevant keywords for quick identification.

Additional User Features

- An intuitive admin panel provides campus authorities with the tools to efficiently manage item claims and verify ownership before item release.
- Fuzzy logic used to search items- makes it more responsive and close to real world



Modules Overview

AUTHENTICATION & ROLE MANAGEMENT

- Secure login and registration
- Role-based access: Student and Admin
- Campus email verification

LOST & FOUND ITEM POSTING

- Users can post lost or found items
- Includes description, date, location, and images

AUTO-MATCHING & SEARCH

- Automatically suggests matching lost/found items
- Keyword and fuzzy matching used

CHAT / CONTACT SYSTEM

- Secure in-app communication between users
- Privacy maintained unless details are shared

ADMIN DASHBOARD

- Content moderation
- Reporting and analytics



LOGIN PAGE

The screenshot shows the 'Login Page' of the Clamify application. The page has a dark background with white text. It features a central login form titled 'Login to your account'. The form includes fields for 'Email' (containing 'balmeva@gmail.com') and 'Password', along with a 'Forgot?' link and a 'Login now' button. Below the form is a link 'Don't Have An Account? Sign Up'.

SIGNUP PAGE

The screenshot shows the 'Create an account' page of the Clamify application. The page has a dark background with white text. It features a 'Create an account' section with options for 'Google' and 'Facebook' sign-in, followed by a 'Or' link. The form includes fields for 'Username', 'Password', 'Retype Your Password', 'User Personal Name', 'User Email' (containing 'balmeva@gmail.com'), and 'Select Role'. A 'Create account' button is at the bottom.

LOST ITEMS FORM

The screenshot shows the 'REPORT LOST ITEM' form of the Clamify application. The page has a dark background with white text. It features a form titled 'REPORT LOST ITEM' with fields for 'Item Id' (containing 'L100013'), 'Lost Item Name', 'Item Category', 'Item Color', 'Item Brand Name', 'Location of Lost Item', 'Select Lost Date' (a date picker), and 'Upload Item Image (Optional)'. A note says 'Please fill in all required information'. At the bottom are 'Submit' and 'Return' buttons.

CHATTING

The screenshot shows the 'General Chat' interface of the Clamify application. The page has a dark background with white text. It features a sidebar with 'Online Users' (Lotus, Tulip) and a main area for 'General Chat'. The chat window shows messages from 'Lotus' and 'Tulip'. At the bottom is a message input field with a placeholder 'Type a message...' and a 'Send' button.



Future Enhancement



- Mobile application support
- AI-based image recognition for better matching
- Push notifications for match alerts
- Multi-campus scalability





Challenges & Conclusion



API Integration Issues

Initially faced 404 errors and endpoint mismatches during the API integration phase.



CORS Configuration

Encountered challenges ensuring CORS was correctly configured for frontend-backend communication.



Maintenance

Maintaining clean data and logs for audit is hard at scale.

Conclusion

- Built a secure, scalable campus lost and found system applying full-stack development concepts.
- Digitized manual processes with a centralized platform to improve efficiency and item recovery.
- Gained hands-on experience in backend development, REST APIs, authentication, security, and teamwork.



Thank You!



Contact Us:

support@claimify.app

github.com/lostfoundApplication