



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

SECV2223 WEB PROGRAMMING

SECTION: 01

FINAL PROJECT REPORT

PROJECT TITLE: LOST & FOUND WEBSITE FOR CAMPUS

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GROUP 6: BEAUTIES

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INTRODUCTION

With such a vast university campus, the chances of students, lecturers, and staff losing or misplacing personal belongings are high. The most common items lost by students include student ID cards, wallets, water bottles, keys, USB drives, and even valuable electronic devices (eg. mobile phones and tablets). This can mean that returning these items can be tricky once this happens, as there is currently a lack of an authoritative lost and found system.

Currently, students and staff are left with informal but common methods such as posting on social media groups, messaging friends, posting items on physical notice boards, or just asking around in the hope that someone will find their belongings. The problem is that these processes are inefficient and unorganized - posts get lost, lost and found notices get deleted, and there is no convenient service to match items and find owners quickly.

It is precisely this situation that we believe our project to build a centralized lost and found platform on campus can be a solution. The platform will reserve a space where anyone on campus can safely and efficiently post lost and found reports, upload information about what they are looking for, and find possible matches.

OBJECTIVE

The main goal of our project is to create an online portal that will make it easy to handle lost and found items on campus in a systematic and organized manner.

Through the platform, users can:

- Create an account and log in securely to process lost and found reports.
- Once an item is lost, users can fill out a dedicated form describing the item, date and location of loss, and optionally upload photos.
- Users can search/browse submitted reports using filters such as item category, date, location, and keywords.

Optional features that should be included on the portal include image labeling using Google Vision API, location labeling using Google Maps API, and Botpress assistant to help users report or search for items. All these features are designed to speed up the entire process from all angles, making it faster, smarter, and more accurate.

Ultimately, our goal is to develop an effective digital product that increases the likelihood that lost items will be returned to their owners, inspires a sense of responsibility, and strengthens connections among people in the campus community.

PROBLEM STATEMENT

Currently, we do not have a formal lost and found office on campus. After the lost and found, people usually can only make announcements in decentralized and informal ways, such as posting notices on WhatsApp groups, Facebook pages or physical notice boards. These methods have the following main limitations:

- Lack of unified records: Information on various platforms is scattered in different locations, making it difficult to track information changes or updates.
- Lack of effective search mode: Since the information is not organized and easily mixed with other similar unrelated information, it is not easy to find matching information.
- Narrow dissemination range: Notice boards can only reach people passing by, and information on social media may not reach the target audience at a critical moment.
- Low recovery rate: Most lost items cannot be returned due to the failure to use effective functions to track or match lost items.

This chaotic management model causes students and faculty to waste time, suffer stress, and even lose some important or valuable items. It also does not encourage people to report lost items because there is no easy way to compare them with the owner.

Therefore, no one can deny the need for a convenient, unified online solution that allows people to easily connect with each other and fill the gap between lost and found people, and the Lost and Found Portal does just that.

PROJECT ARCHITECTURE

Frontend

- Built using HTML, CSS and JavaScript
- Responsive layout is presented using Flexbox
- Frontend files:
 - Global styling for layout and responsiveness throughout the website
 - bstyle.css
 - Forgot password form
 - forgot.html
 - Main page when user enters the website
 - useradmin.html
 - Register and Login interface for user
 - homepage.html
 - Login interface for user
 - login.html
 - Registration interface for new user
 - register.html
 - Page to report a lost item
 - report_lost.html
 - Page to report a found item
 - report_found.html
 - Search interface for claiming items
 - searchclaim.html

Backend

- PHP
- Handles the form submissions and database interactions
- Backend files:
 - Dashboard management
 - home.html
 - dashboard.php
 - View all lost and found without login required
 - all_lost_items.php
 - all_found_items.php
 - User authentication
 - login.php
 - logout.php
 - register.php
 - Password management
 - forgot.php
 - reset.php
 - reset_handler.php
 - updatepassword.php
 - Lost and found reporting
 - submit_lost.php
 - submit_found.php
 - Lost and found viewing, editing and deleting
 - view_lost.php
 - view_found.php
 - edit_lost.php
 - edit_found.php
 - update_lost.php
 - update_found.php
 - delete_lost.php
 - delete_found.php

- Item claim and search
 - claim.php
 - searchclaim.php
- Admin management
 - get_users.php
 - get_lost_items.php
 - get_found_items.php
 - admin-lock.php
 - admin.php

Database

- MySQL database hosted on InfinityFree
- Tables:
 - users: table to store users' information such as id, name, email, password, role
 - lost_items: id, name, description, date_lost, time_lost, location, image, reported_at
 - found_items: id, name, description, date_found, time_found, location, image, reported_at
 - claims: id, item_id, claim_reason, user_id, claim_date
 - login_logs: id, user_id, email, login_time

PROJECT FUNCTIONALITY

Module	Functionality
User	<ul style="list-style-type: none">● New user registration● User login● User forgot password● User reset and update password● Main dashboard
Lost & Found	<ul style="list-style-type: none">● Report lost items● Report found items● View lost items● View found items● Edit lost items● Edit found items● Delete lost items● Delete found items● View all lost items● View all found items
Search & Claim	<ul style="list-style-type: none">● Search for matching lost items● Submit a claim for an item
Admin	<ul style="list-style-type: none">● View all report● View all users● View all lost & found reports

SET UP LOCALLY

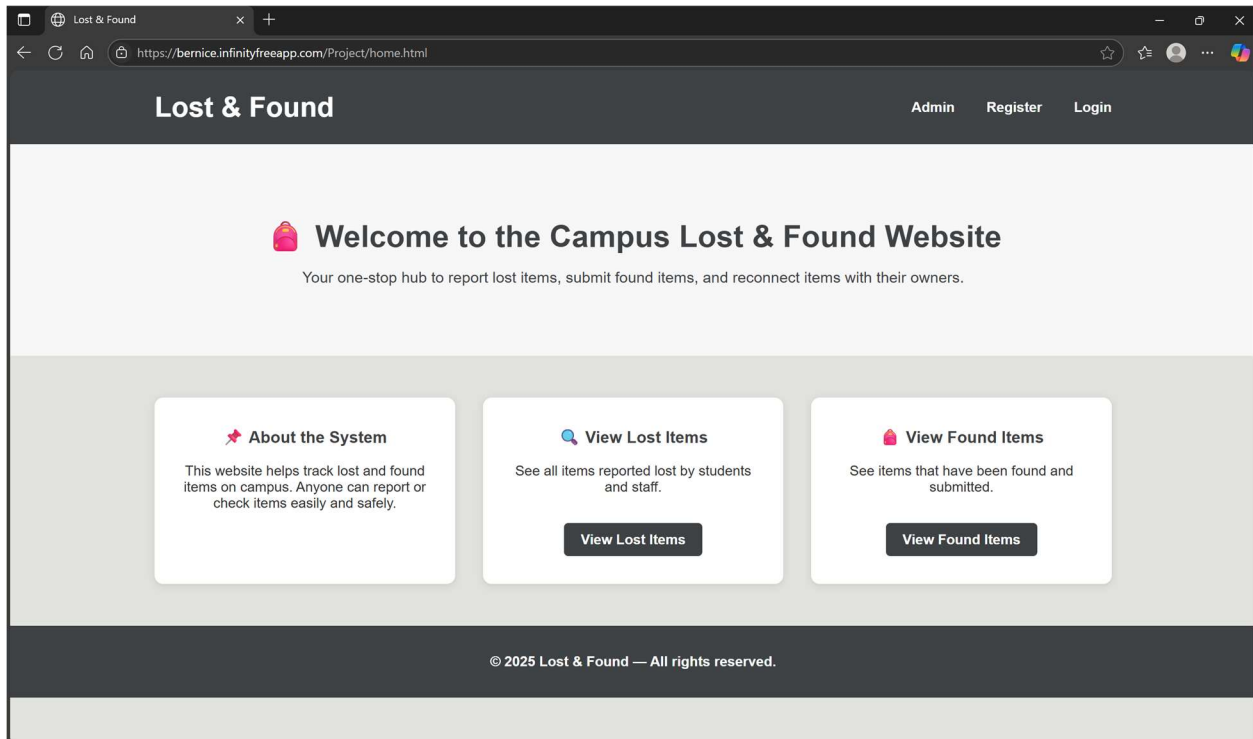
1. Set up XAMPP
 - Open the XAMPP Control Panel
 - Start Apache and MySQL
2. Location of files
 - Save all the files in the same directory C:\xampp\htdocs\LostFoundPage
3. Create database
 - Go to local host php database and create a new database
 - Local host php database: <http://localhost/phpmyadmin>
 - Create the tables as mentioned
4. Run the website
 - Open browser and test the website
 - <http://localhost/LostFoundPage/home.html>

DEPLOY ON WEB SERVER

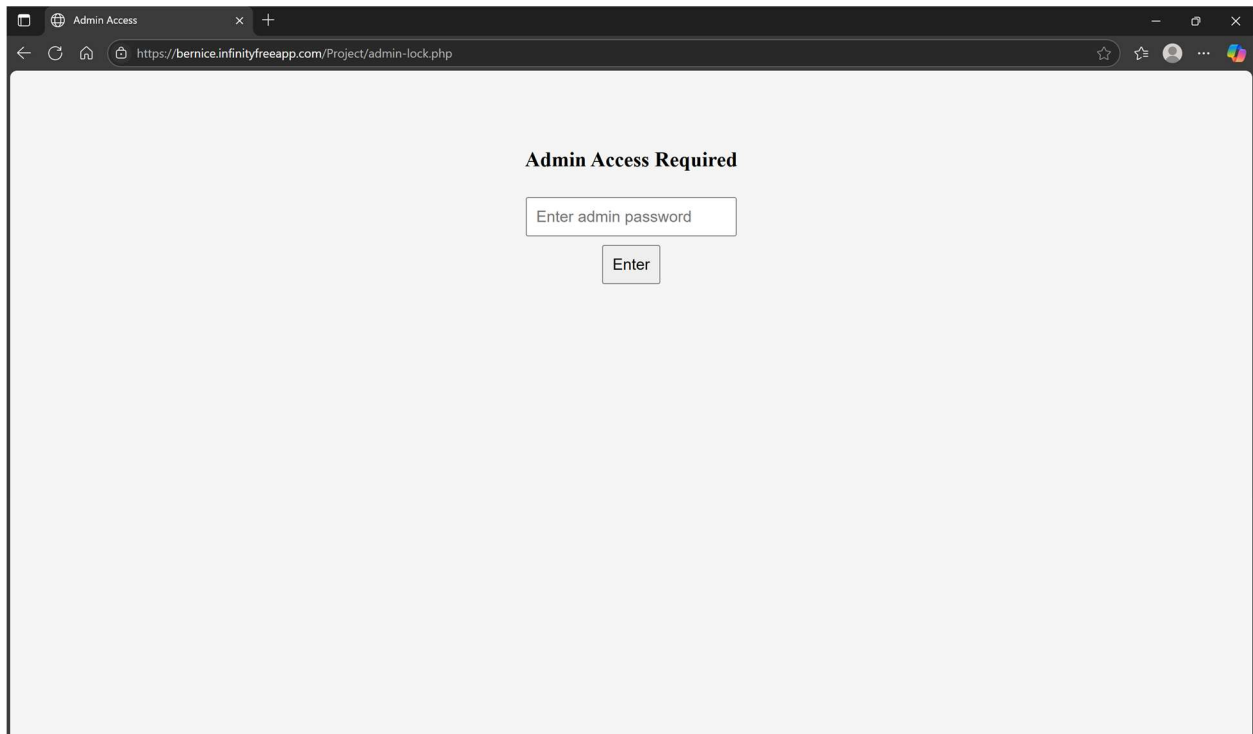
1. Use free website hosting such as InfinityFree <https://www.infinityfree.com/>
 - Register and setup a free domain
2. Upload files
 - Access file manager
 - Upload the files under /htdocs/Project/
 - The file includes all the html files, php files
3. Set up database
 - Go to MySQL Databases
 - Create a new database: if0_39040743_campus_lostfound
 - Create the database tables as the sql files
 - Host = "sql302.infinityfree.com"
 - User = "if0_39040743"
 - Password = "SHINee2003"
 - Database = "if0_39040743_campus_lostfound"
4. Run the website
 - Test the website via the link
 - <https://bernice.infinityfreeapp.com/Project/home.html>

SCREENSHOTS

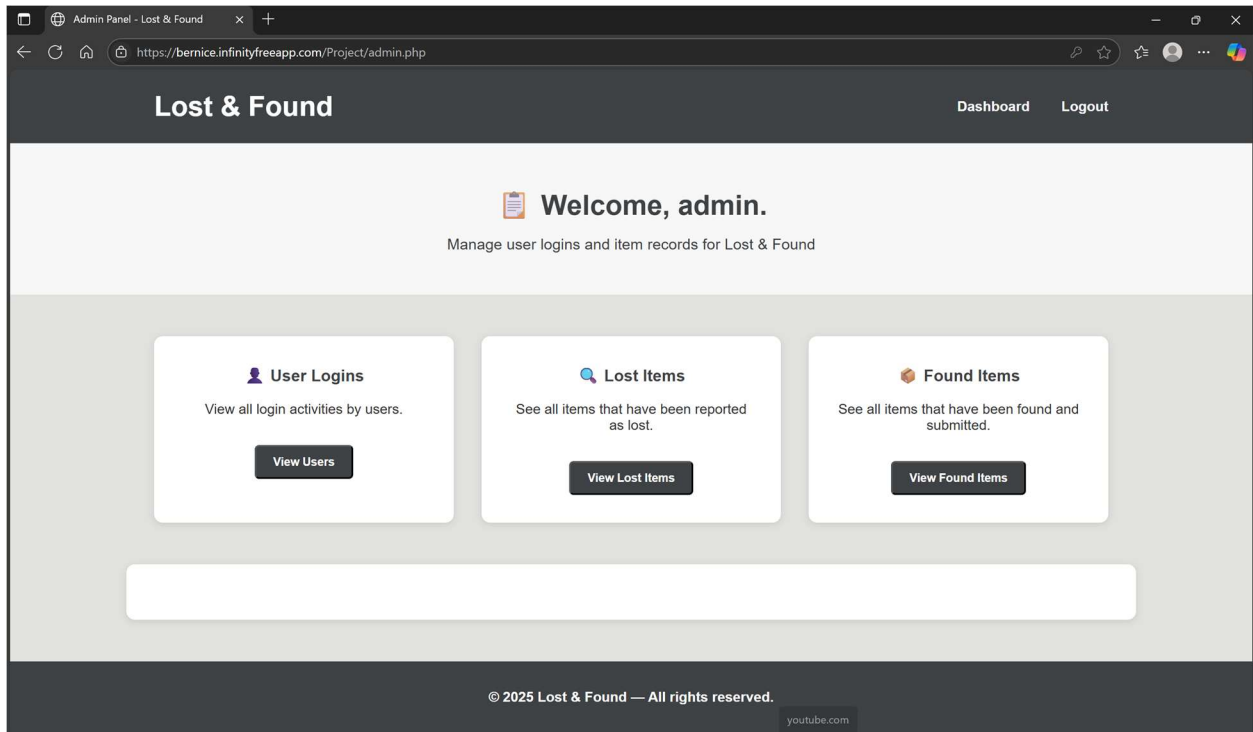
Homepage



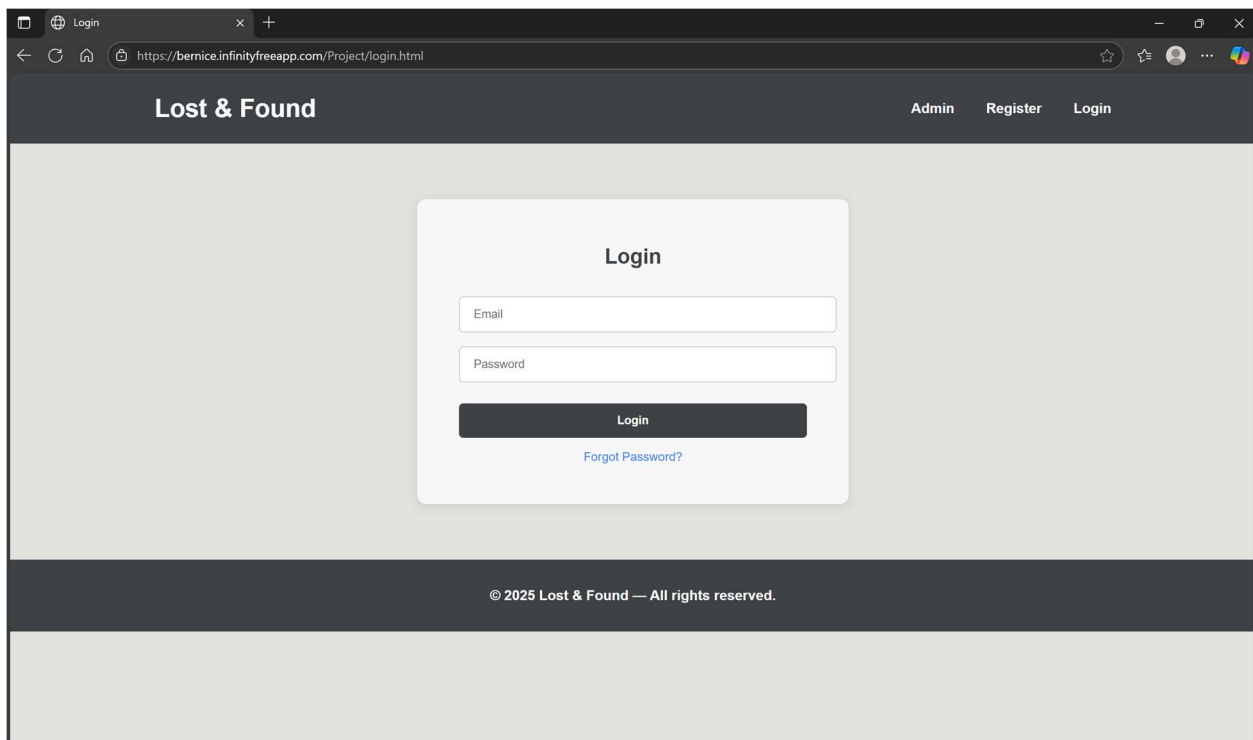
Admin page



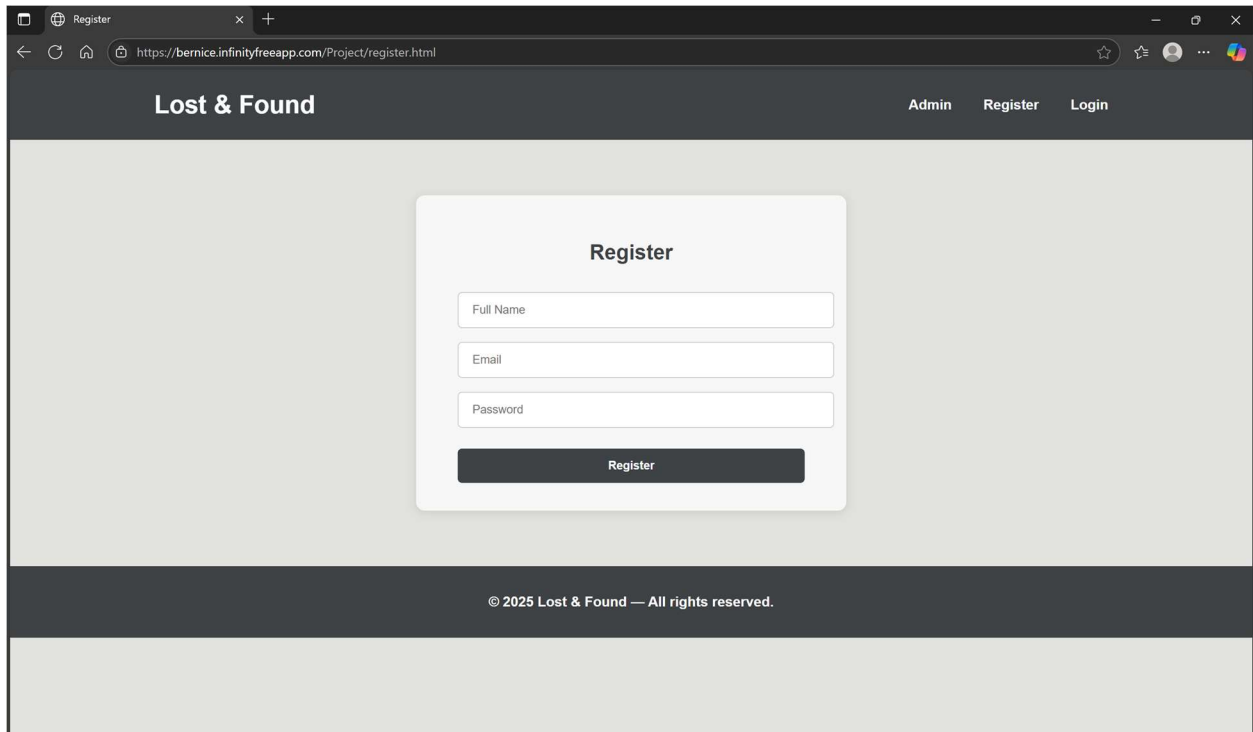
Admin dashboard



User Login



User Register



The screenshot shows a web browser window with the address bar displaying `https://bernice.infinityfreeapp.com/Project/register.html`. The page has a dark header with the title "Lost & Found" and navigation links for "Admin", "Register", and "Login". The main content area features a light gray background with a central white registration form. The form is titled "Register" and contains three input fields: "Full Name", "Email", and "Password". Below these fields is a dark "Register" button. At the bottom of the page, a dark footer contains the copyright notice "© 2025 Lost & Found — All rights reserved."

Register

Full Name

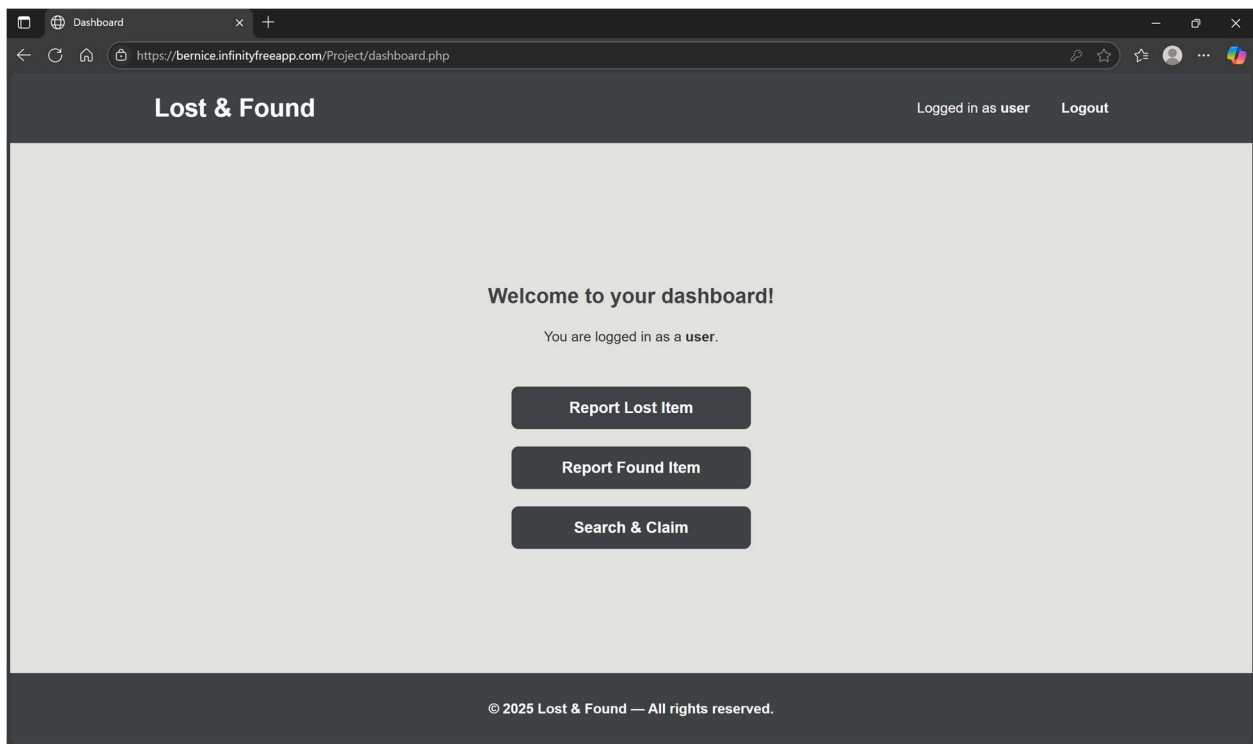
Email

Password

Register

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Dashboard



The screenshot shows a web browser window with the address bar displaying `https://bernice.infinityfreeapp.com/Project/dashboard.php`. The page has a dark header with the title "Lost & Found" and navigation links for "Logged in as user" and "Logout". The main content area features a light gray background with a central white dashboard area. The dashboard area is titled "Welcome to your dashboard!" and includes the text "You are logged in as a user." Below this text are three dark buttons: "Report Lost Item", "Report Found Item", and "Search & Claim". At the bottom of the page, a dark footer contains the copyright notice "© 2025 Lost & Found — All rights reserved."

Lost & Found

Logged in as user Logout

Welcome to your dashboard!

You are logged in as a user.

Report Lost Item

Report Found Item

Search & Claim

© 2025 Lost & Found — All rights reserved.

Report lost item

The screenshot shows a web browser window with the URL `https://bernice.infinityfreeapp.com/Project/report_lost.html`. The page has a dark header with the title "Lost & Found" and links for "Admin", "Register", and "Login". A left sidebar contains buttons for "Home", "Report Lost", "View My Lost", "Report Found", "View My Found", "All Lost Items", "All Found Items", "Search & Claim", and "Logout". The main content area features a form titled "Report a Lost Item" with the following fields: "Your Name:" (text input), "Item Description:" (text area), "Date Lost:" (date picker showing "dd/mm/yyyy"), "Time Lost:" (time picker showing "--:--:--"), "Location Lost:" (text input), and "Upload Image (optional):" (file upload button labeled "Choose File" with the text "No file chosen").

Report found item

The screenshot shows a web browser window with the URL `https://bernice.infinityfreeapp.com/Project/report_found.html`. The page layout is identical to the "Report lost item" page, with the same header, sidebar, and form structure. The main content area features a form titled "Report a Found Item" with the following fields: "Your Name:" (text input), "Item Description:" (text area), "Date Found:" (date picker showing "dd/mm/yyyy"), "Time Found:" (time picker showing "--:--:--"), "Location Found:" (text input), and "Upload Image (optional):" (file upload button labeled "Choose File" with the text "No file chosen").

View All Lost Items

All Lost Items

https://bernice.infinityfreeapp.com/Project/all_lost_items.php

Admin Register Login

Home

Report Lost

View My Lost

Report Found

View My Found

All Lost Items

All Found Items

Search & Claim

Logout

All Reported Lost Items

Name	Description	Date Lost	Time Lost	Location	Image
seow	bottle	2025-07-02	12:14:00	n28	No image
seow	bottle	2025-07-02	21:30:00	n28	No image
seow	bottle	2025-07-02	16:31:00	n24	No image
seow	bottle	2025-07-02	19:25:00	n24	No image
Phone	Blue	2025-06-30	16:56:00	Dsi	No image
karen	key	2025-06-30	14:53:00	N28	No image
amir	wallet	2025-06-16	15:19:00	n28	No image
amir	wallet	2025-06-16	15:19:00	n28	No image

View All Found Items

All Found Items

https://bernice.infinityfreeapp.com/Project/all_found_items.php

Admin Register Login

Home

Report Lost

View My Lost

Report Found

View My Found

All Lost Items

All Found Items

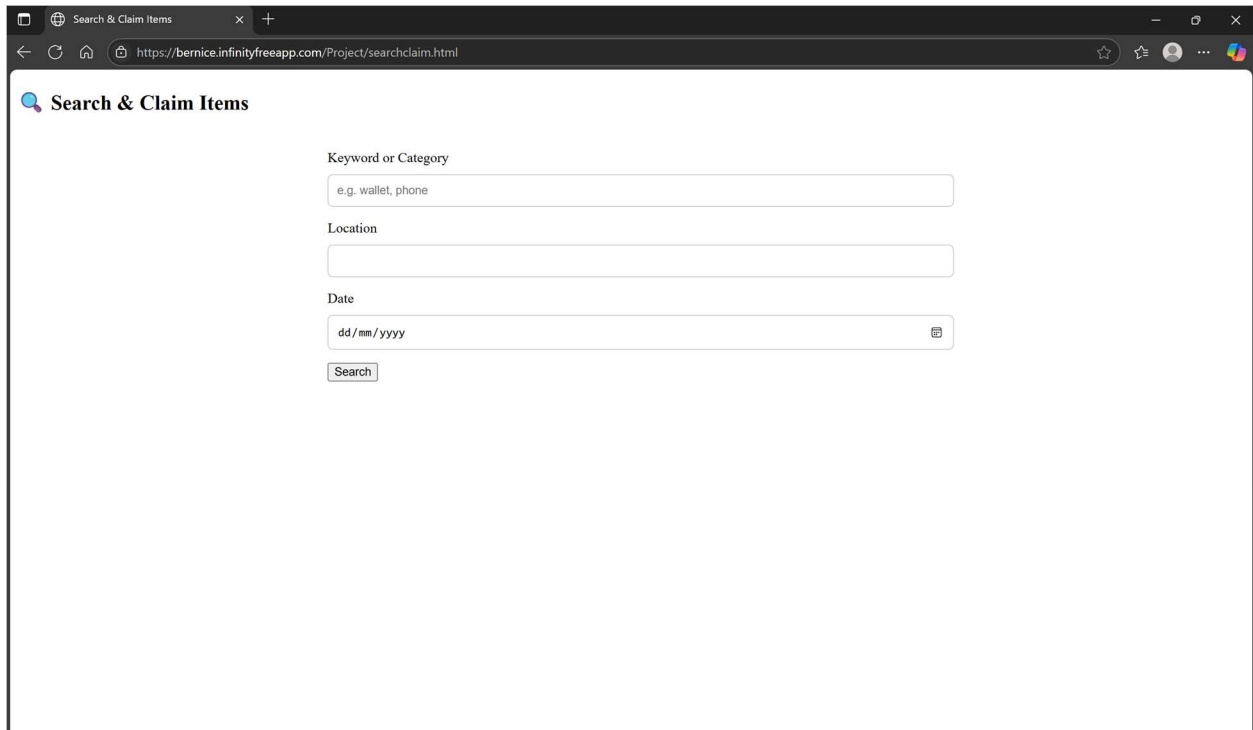
Search & Claim

Logout

All Reported Found Items

Name	Description	Date Found	Time Found	Location	Image
					No image
william	wallet	2025-07-02	11:35:00	N28	No image
angela	debit card	2025-07-01	09:01:00	N24	No image
Q	Phone	2025-06-30	16:57:00	Dsi	No image
w	card	2025-06-30	14:21:00	N28	No image
angela	student card	2025-06-10	21:53:00	N28	No image
angela	student card	2025-06-10	09:40:00	N28	No image
Seow Yen Zhi	Water bottle	2025-06-15	21:11:00	n28	No image
		2025-06-			No

Search claim item



The screenshot shows a web browser window with a single tab titled "Search & Claim Items". The address bar displays the URL "https://bernice.infinityfreeapp.com/Project/searchclaim.html". The page content features a search form with the following elements:

- Search & Claim Items**: A heading with a magnifying glass icon.
- Keyword or Category**: A text input field containing the placeholder text "e.g. wallet, phone".
- Location**: An empty text input field.
- Date**: A date input field with the placeholder text "dd/mm/yyyy" and a calendar icon on the right.
- Search**: A button located below the date input field.