F O R M 2

THE PATENTS ACT, 1970
(39 of 1970)

<u>PROVISIONAL / COMPLETE SPECIFICATION</u>

(See section 10 and rule 13)

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1. TITLE OF THE INVENTION: **LOST 2 LOCATED**
   (A Virtual Lost and Found System)

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2. APPLICANT(S)
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3. PREAMBLE TO THE DESCRIPTION:-

PROVISIONAL	COMPLETE
The primary objective of the Virtual Lost and Found System is to provide a user-friendly platform for efficiently managing lost and found items within a university campus.	This Virtual Lost and Found system aims to: 1. Improve the accessibility and convenience of reporting and retrieving lost items. 2. Enhance the chances of reuniting lost items with their rightful owners. 3. Foster a sense of community by promoting collaboration in the recovery process. Statement of the Invention: The present invention proposes a Virtual Lost and Found System for university campuses, comprising a web-based platform and mobile application. The system allows users to report lost items and upload relevant information, facilitating their recovery by interested parties.

FIELD OF THE DISCLOSURE

The field of the disclosure involves innovations in virtual lost and found systems operating through a website platform i.e. LOST2LOCATED. This encompasses the integration of online databases utilising advanced data management techniques to store and retrieve information about lost items. The invention further includes novel user interfaces designed to facilitate seamless reporting and tracking of lost possessions, incorporating intuitive features for users. Additionally, the website covers inventive search algorithms optimising the efficiency of item identification within the virtual lost and found environment. The communication protocols detailed in the disclosure ensure secure and reliable interactions between users, the platform, and relevant authorities, thereby enhancing the overall effectiveness of the virtual lost and found system.

BACKGROUND

Addressing the challenges in traditional lost and found processes and introduces the innovation of a virtual lost and found system implemented through a website called LOST2LOCATED. Conventional lost and found services often suffer from inefficiencies, relying on physical storage places or warehouse with limited accessibility, leading to delayed item reporting and recovery.
With the upcoming of technology, there was a more streamlined and accessible solution. The rise of online platforms has opened avenues for enhancing the lost and found experience. Recognising these challenges, we have developed a comprehensive website-based system to revolutionise the way lost items are reported, tracked, and recovered.
The transition to a virtual environment enables real-time reporting, providing users with immediate access to the lost and found database. The website's user-friendly interfaces empower individuals to submit detailed information about their lost items efficiently. The website also highlight the limitations of existing digital solutions and emphasises the unique features of the proposed system, such as innovative search

algorithms and secure communication protocols, ensuring the accuracy and reliability of the virtual lost and found service.

BRIEF DESCRIPTION OF THE DIAGRAMS

Fig 2. showcases a user-friendly virtual lost and found website with a clean and intuitive design. The homepage presents a simple and inviting interface.

Users can easily navigate through the platform's various sections, enhancing accessibility.

The item reporting page Fig 4. displays a straightforward form Fig 5., guiding users to input detailed information about the lost items they've found.

The search functionality is prominently highlighted, offering a quick and efficient means of locating lost items. Users can input specific details or utilize filters to narrow down search results as shown in Fig.9 .

LOST2LOCATED's responsive design is evident in the diagrams, helping users across different devices and platforms. The visual aesthetic maintains a professional and trustworthy appearance, making users confident in the platform's ability to successfully recover their item.

Summary:-

Lost2Located is a web-based platform designed to run the process of recovering lost items through enhanced user interactions. By leveraging a comprehensive approach which includes detailed descriptions and visual aids such as item images, our platform offers a significantly more efficient solution compared to traditional lost and found methods.

The website feature presenting visitors with a choice between submitting details related to a lost item or conducting searches for items they have misplaced. The details submission section is efficiently structured to facilitate the intake of information about the individual who found the lost item and comprehensive information about the recovered item itself.

For users in search of lost items, the platform displays a list of all the recorded lost items on the website, offering a user-friendly search experience. Seamless direct communication between users is facilitated through a messaging system on the website.

To further elevate user experience, a dedicated chat-box in the bottom right corner serves as a portal for users to seek assistance from our handler, ensuring a fine support system and keeping them patient.

Hence, Lost2Located is dedicated to delivering an effective lost and found solution, harmonizing advanced features with user-friendly design to fulfill the recovery process for individuals seeking their lost belongings.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

As the website Lost 2 Locate is launch to help the faculty members, students, office and ground staff of Sharda University in finding their respective lost item.

An individual need to register himself or herself to the website with their valid email address or phone number. * A message will be sent to the aspiring members email address or phone number (which ever mode they chose during registration).

Figure 1.1 -Is showing options such as Home, Our Mission, Contact, Lost items, FAQ

Home page has a menu button which gives the glance of list Lost Items.

Figure 1.2 -Member have to upload the picture of the item they lost or they found in university premises with that they need to fill a form, which consists of the following requirements in the section of Item Found Form. The summary of form is as follows:- First Name, Last Name, Email, Street Address, Street Address Line 2 ,City, Region/State/Province, Postal code, Country, Code with valid mobile number, information about the item lost.

Figure 1.3 -Is about the list item found with the relative address within the University premises.

The list of lost items are mentioned with the location, therefore one who so ever found the lost item should mention the location so that the item lost should reach the individual who lost that.

Figure 1.4 -Is about where the members can ask the about the questions and queries in the chat box so that the handler of website may respond to the provided questions or queries and make the member feel safe and satisfy.

Figure 2 -Is about Our Mission. Which is very generous ,we felt that losing something valuable causes a sense of losing hope towards once goal. The frustration and feeling deprived dive towards failure. So our team decided to put an initiative where people losing their valuable items should be get back to whom it belongs to and with that a feeling of helping one another enhances the coordination and try to create an ambience which is more productive for society.

Figure3 -Is about Find Lost Items and reunite with their genuine owner. Here the page is showing details about the specification of product lost with the picture of it, next it tries to connects to the genuine individual to whom that lost item belongs to and return the item back with full grace, and then at last there is a feedback from the genuine owner.

We Claim:

Claim 1: Virtual Lost and Found System

A Virtual Lost and Found System for university campuses, comprising:

1.1. A Web-Based Platform

A web-based platform offering a centralized digital environment for the reporting, tracking, and recovery of lost items within a university campus.

Claim 2: User Registration and Authentication

The system of Claim 1, wherein users participate through:

2.1. Registration Mechanism

A user registration mechanism ensuring comprehensive input of contact information, establishing a unique identifier for each participant.

2.2. Authentication System

An authentication system validating the identity of registered users, securing the integrity and confidentiality of user accounts.

Claim 3: User-Friendly Lost Item Reporting

The system of Claim 1, incorporating an intuitive user interface for:

3.1. Lost Item Reporting

Efficient reporting of lost items by users, facilitating the submission of detailed descriptions and relevant images for accurate identification.

Claim 4: Found Item Submission

The system of Claim 1, facilitating user engagement through:

4.1. Submission Interface

A user-friendly interface allowing individuals who find items on campus to upload pictures and provide comprehensive descriptions of found items.

Claim 5: Notification System

The system of Claim 1, comprising a notification system for:

6.1. Real-Time Alerts

Real-time alerts sent to users when the matching algorithm identifies a potential match, enabling timely review and claiming of lost items.

Claim 6: Communication Platform

The system of Claim 1, featuring a secure communication platform for:

7.1. Direct Interaction

Facilitating secure and direct communication between the owner and finder of a lost item, ensuring efficient coordination for item recovery.

Claim 7: Integration with University Systems

The system of Claim 1, designed for:

8.1. Seamless Integration

Seamless integration with existing university databases and systems to enhance accuracy of user information and overall campus security.

Claim 8: Future Developments

The system of Claim 1, adaptable and open for:

9.1. Technological Enhancements

Integration of advanced technologies such as machine learning for more precise matching, expanded communication features, and continuous optimization based on user feedback.

Claim 9: Privacy Measures

The system of Claim 1, implementing robust:

10.1. Data Security

Data security measures, including encryption protocols, to protect user information and ensure privacy compliance with regulations and guidelines.

Abstract:

The Virtual Lost and Found System for University Campuses, a web-based platform, revolutionizes the management of lost items within educational institutions. This system introduces a user-friendly interface enabling seamless reporting of lost items, comprehensive submission of found items, and efficient matching through a proprietary algorithm. Real-time notifications enhance the user experience, prompting timely review and claiming of lost items. The secure communication platform facilitates direct interaction between owners and finders, ensuring coordinated item recovery. By leveraging advanced web technologies, this invention addresses the limitations of traditional lost and found services, offering universities an innovative and accessible solution for the streamlined management of lost belongings.

Sign Up

Already a member? Log In

Sign up with Google
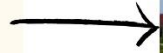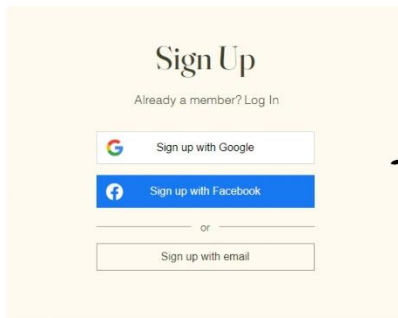
Sign up with Facebook

or

Sign up with email

Fig 1.1

Scroll down along the page

This particular chat box is provided to the user to contact with the site handler and also answering od any questions to the user only.
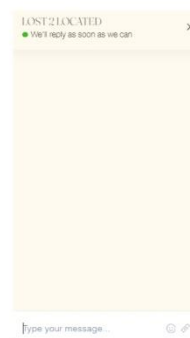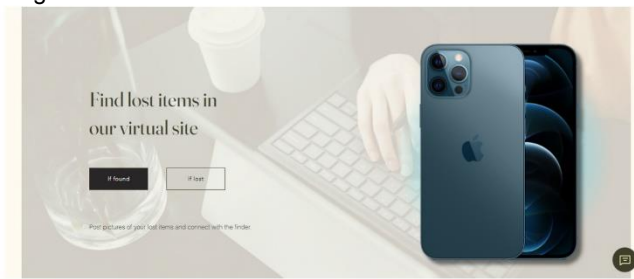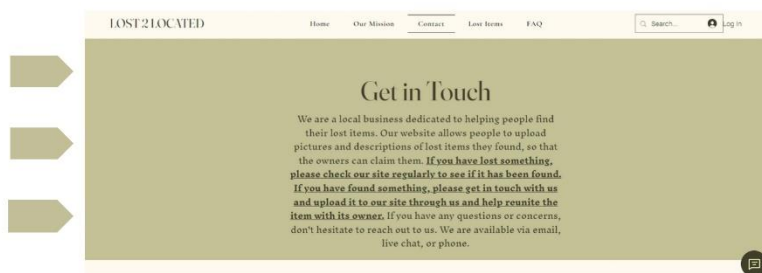
LOST 2 LOCATED

We'll reply as soon as we can ✕

Type your message...

c

Fig 1.2

Followed up by this icon where the user can choose the item they lost and upload it. This drectly leads the user to our contact box.

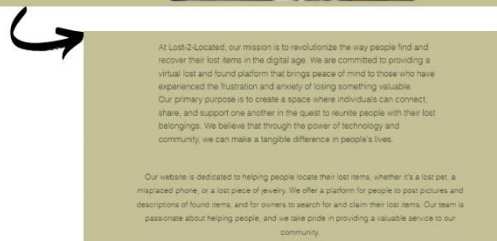We also provide the users with a from where they fill the details of the items they've found.
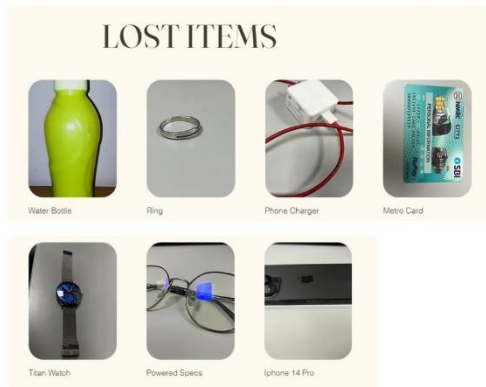

Moving forward to our Mission icon.

Fig 2

Details of our mission are nicely mentioned on our website and you can see them here as well.
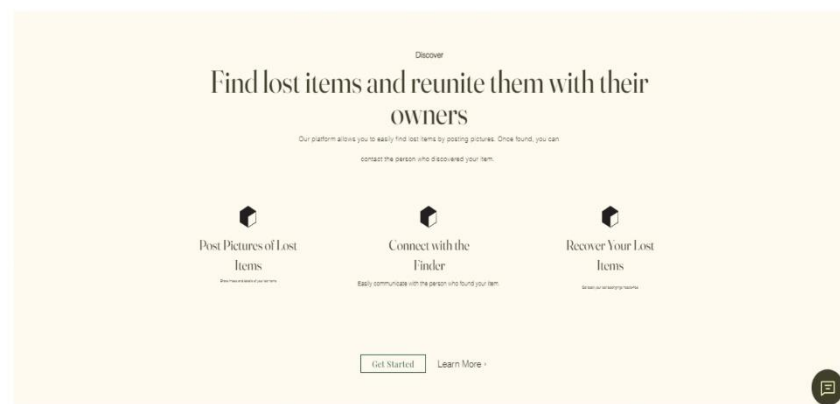
When the user goes ahead and selects the IF LOST icon then the page is directly lead to the LOST ITEMS section of our website and also by tapping on the search option shown here.

Fig 2

Fig 2

LOST ITEMS

Water Bottle

Ring

Phone Charger

Metro Card

Titan Watch

Powered Specs

Iphone 14 Pro

Fig 1.3

Also provided with filters to apply

Discover

Find lost items and reunite them with their owners

Our platform allows you to easily find lost items by posting pictures. Once found, you can contact the person who discovered your item.

Post Pictures of Lost Items

Connect with the Finder

Recover Your Lost Items
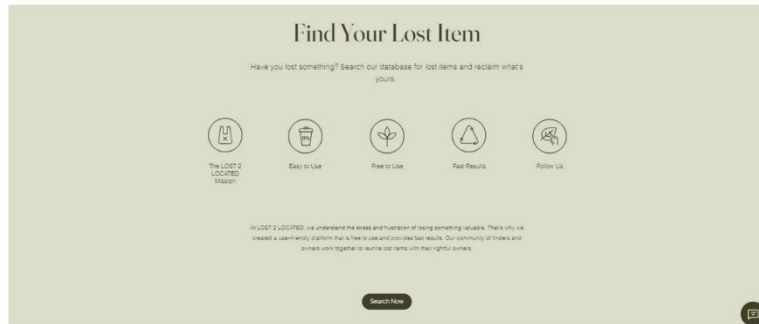
Get Started   Learn More ›

A little brief about how this website works.

Fig 3

Positive proprties listed to help you in search
and finding of the product.