

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JnanaSangama”, Belgaum -590014, Karnataka.



PROJECT WORK-3 REPORT on

E – Lost and Found

Submitted by

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B Praneeth (1BM18CS023)

K Arun Teja (1BM18CS041)

Under the Guidance of

Dr. Umadevi V

Associate Professor, BMSCE

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING in COMPUTER SCIENCE AND ENGINEERING



B. M. S. COLLEGE OF ENGINEERING

(Autonomous Institution under VTU)

BENGALURU-560019

Sep-2020 to Jan-2021

B. M. S. College of Engineering,
Bull Temple Road, Bangalore 560019
(Affiliated To Visvesvaraya Technological University, Belgaum)
Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled “**E - Lost and Found**” has been carried out by **Aniruddh NS (1BM18CS015), Arjun AS (1BM18CS019), B Praneeth (1BM18CS023) AND K Arun Teja (1BM18CS114)** who are bonafide students of **B. M. S. College of Engineering**. It is in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visveswararajah Technological University, Belgaum during the year 2020-2021. The project report has been approved as it satisfies the academic requirements in respect of **Project Work-3 (20CS5PWPW3)** work prescribed for the said degree.

Signature of the Guide

Dr. Umadevi V
Associate Professor

BMSCE, Bengaluru

Signature of the HOD

Dr. Umadevi V
Associate Prof. & Head,
Dept. of CSE
BMSCE, Bengaluru

External Viva

Name of the Examiner
with date

Signature

1. _____

2. _____

B. M. S. COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



DECLARATION

We, Aniruddh NS (1BM18CS015), Arjun AS (1BM18CS019), B Praneeth (1BM18CS023), K.Arun Teja (1BM18CS041), students of 5th Semester, B.E, Department of Computer Science and Engineering, B. M. S. College of Engineering, Bangalore, here by declare that, this Project Work-3 entitled "E-lost and found" has been carried out by us under the guidance of Dr. Umadevi V, Associate Professor, Department of CSE, B. M. S. College of Engineering, Bangalore during the academic semester Sep-2020-Jan-2021

We also declare that to the best of our knowledge and belief, the development reported here is not from part of any other report by any other students.

Signature

Aniruddh NS(1BM18CS015)

Arjun AS (1BM18CS019)

B Praneeth (1BM18CS023)

K Arun Teja (1BM18CS041)

1. Introduction

Development of "BMSCE Lost and Found" website. This is a portal exclusively for the BMSCE campus, where one can search for their lost articles. Unlike the common 'lost-and-found' bin, it is decentralized throughout the campus and also connects the student who found the article with the student who lost it.

This online system supports the following types of users:

a) BMSCE Students.

b) Admins (Permitted staff)

Functionalities under Student login

i. Student who lost an article can

- a) Search through the repository of lost items on the website
- b) Register a new lost item if it is not found in the list.

ii. Student who found a lost article can

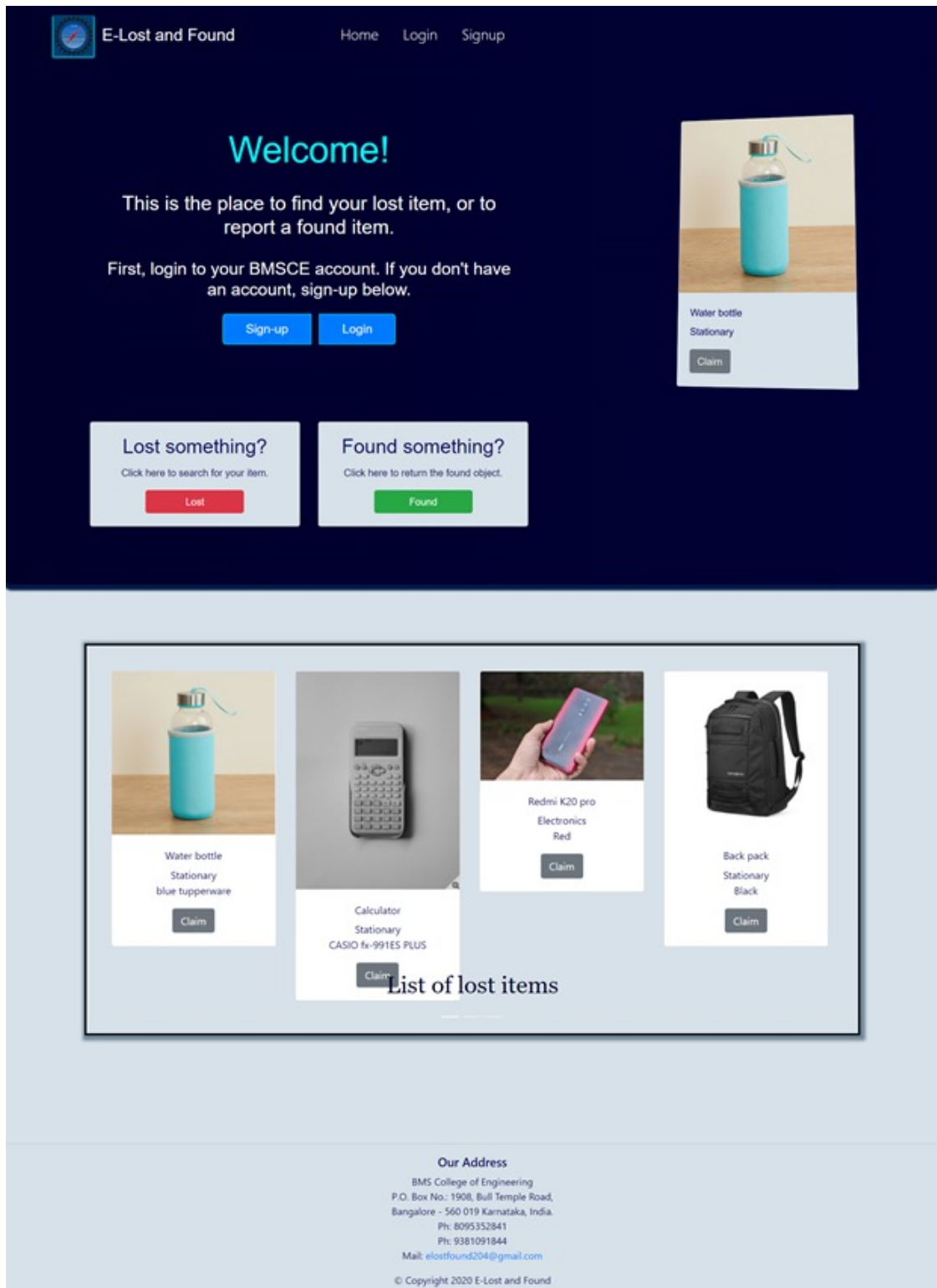
- a) Select from the list of lost items
- b) Register a newly found article to the list.

Functionalities under admin login

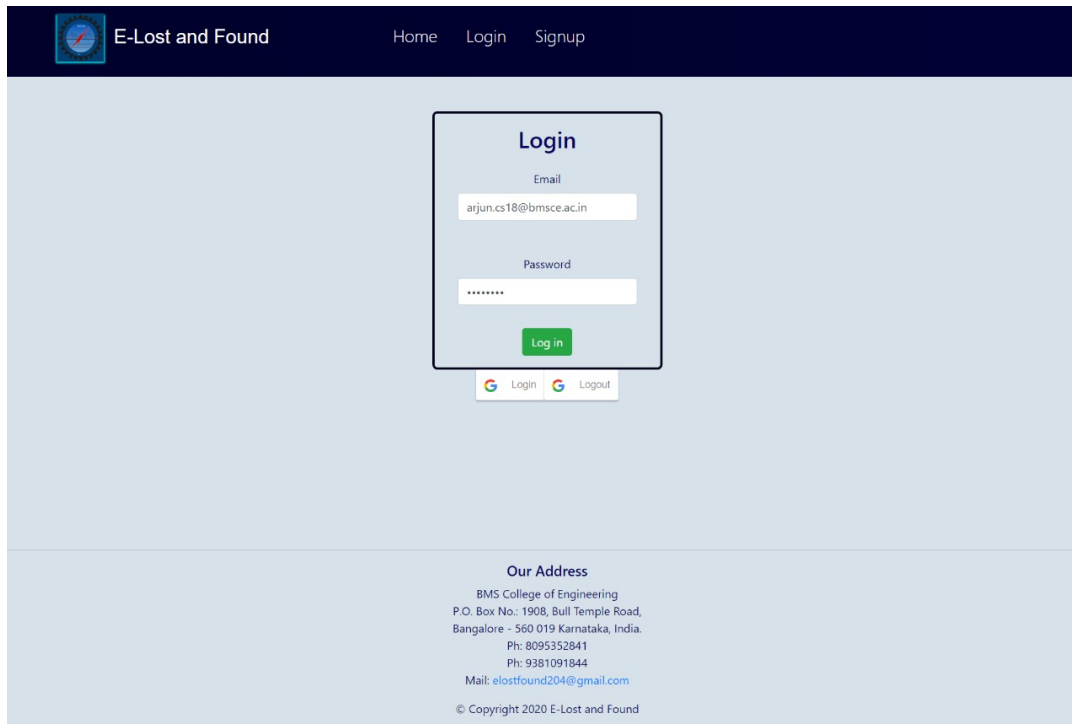
- i. Delete any of the articles as he/she sees fit. (as a moderator to monitor misbehavior).
- ii. Ban a user in case of misbehavior or false entries.

2. Design Layouts

2.1 Front page



2.2: Login page



The screenshot shows the login page of the E-Lost and Found system. The header is dark blue with the logo on the left and navigation links 'Home', 'Login', and 'Signup' on the right. The main content area is light blue and features a central white login form. The form has a title 'Login', an 'Email' field with the value 'arjun.cs18@bmsce.ac.in', a 'Password' field with masked characters, and a green 'Log in' button. Below the form are two small buttons: 'Login' with a Google icon and 'Logout' with a Google icon. At the bottom of the page, there is a section titled 'Our Address' containing contact information for BMS College of Engineering, including the address, phone numbers, and email. The footer states '© Copyright 2020 E-Lost and Found'.

E-Lost and Found Home Login Signup

Login

Email
arjun.cs18@bmsce.ac.in

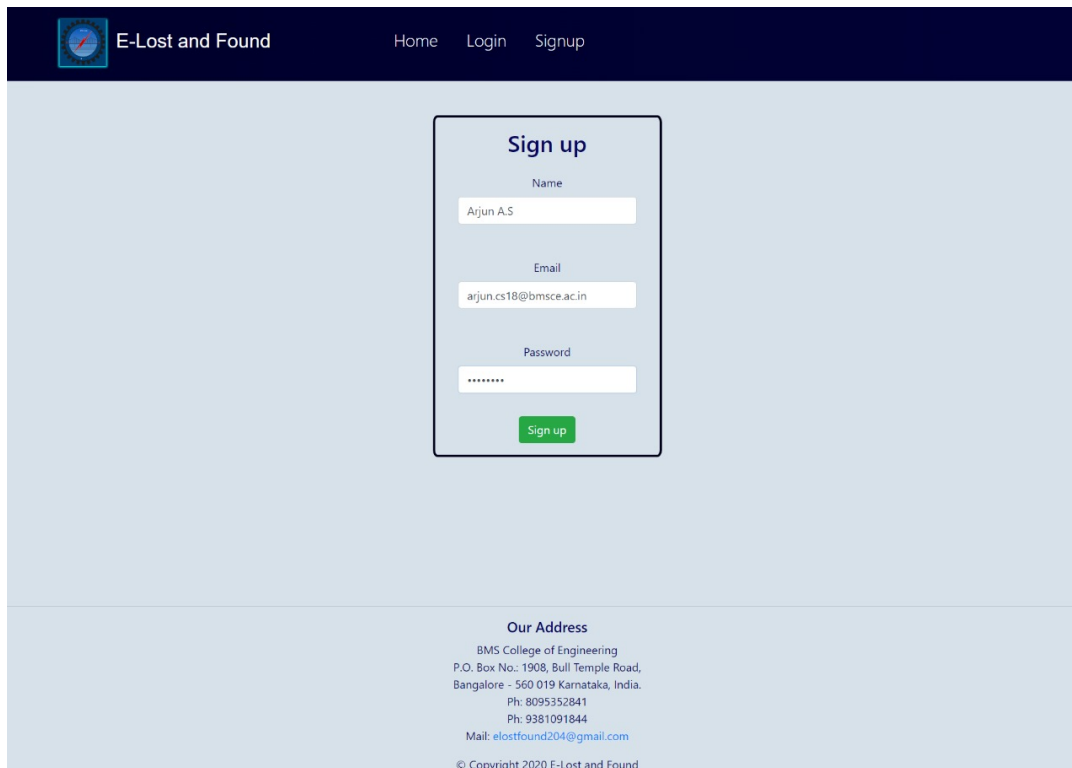
Password

Log in

Login Logout

Our Address
BMS College of Engineering
P.O. Box No.: 1908, Bull Temple Road,
Bangalore - 560 019 Karnataka, India.
Ph: 8095352841
Ph: 9381091844
Mail: elostfound204@gmail.com
© Copyright 2020 E-Lost and Found

2.3: Sign up page



The screenshot shows the sign up page of the E-Lost and Found system. The header is dark blue with the logo on the left and navigation links 'Home', 'Login', and 'Signup' on the right. The main content area is light blue and features a central white sign up form. The form has a title 'Sign up', a 'Name' field with the value 'Arjun A.S', an 'Email' field with the value 'arjun.cs18@bmsce.ac.in', a 'Password' field with masked characters, and a green 'Sign up' button. At the bottom of the page, there is a section titled 'Our Address' containing contact information for BMS College of Engineering, including the address, phone numbers, and email. The footer states '© Copyright 2020 E-Lost and Found'.

E-Lost and Found Home Login Signup

Sign up

Name
Arjun A.S


Email
arjun.cs18@bmsce.ac.in

Password

Sign up

Our Address
BMS College of Engineering
P.O. Box No.: 1908, Bull Temple Road,
Bangalore - 560 019 Karnataka, India.
Ph: 8095352841
Ph: 9381091844
Mail: elostfound204@gmail.com
© Copyright 2020 E-Lost and Found

2.4: Lost objects

 E-Lost and Found

HomeLostFoundLogout

Welcome Arjun A.S

Lost page


Here you will find the list of items that have been registered as lost. Before uploading, check if your item is present in the found page

Lost an item? Upload details here


Register an item you have lost

Lost items


BMSCE map




One Plus Nord
Electronics
Already Found




Drafter
Stationary
Already Found




Parker Pen
Stationary
Already Found




Bracelet
Jewellery
Already Found




Oppo Smart Watch
Electronics
Already Found



Laptop Bag
Stationary
Already Found



Calculator
Electronics
Already Found




Power bank
Already Found

Our Address

BMS College of Engineering
P.O. Box No.: 1908, Bull Temple Road,
Bangalore - 560 019 Karnataka, India.
Ph: 8095352841
Ph: 9381091844
Mail: elostfound204@gmail.com

© Copyright 2020 E-Lost and Found

2.5 Found items

 E-Lost and Found

HomeLostFoundLogout

Welcome Arjun A.S

Found page


Here you will find the list of items that have been found. If you found an item, upload it here or check if it has already been registered as lost in the lost page

Found an item? Upload details here


Register an item you have found

Found items


BMSCE map




Water bottle
Stationary
Claim




Helmet
Electronics
Claim



Sonata watch
Stationary
Claim



Golden Ring
Jewellery
Claim




Keys
Other
Claim

Our Address

BMS College of Engineering
P.O. Box No.: 1908, Bull Temple Road,
Bangalore - 560 019 Karnataka, India.
Ph: 8095352841
Ph: 9381091844
Mail: elostfound204@gmail.com

© Copyright 2020 E-Lost and Found

2.6 Registering a lost article complaint

 E-Lost and Found

Welcome Arjun A.S

Register a Lost item

×

Register an item you have lost!

Step 1

Email address

Name

Where you lost it?

Next


Submit

Here you will find the list of items that

your item is present in the found page


BMSCE map

2.7 Lost Item Details

 E-Lost and Found

Home Lost Found Logout

Welcome Arjun A.S



Name: One Plus Nord

Type: Electronics

Description: Gray One Plus Nord 8/256GB

Are you sure you have found this item?

Yes

Our Address

BMS College of Engineering
P.O. Box No.: 1908, Bull Temple Road,
Bangalore - 560 019 Karnataka, India.
Ph: 8095352841
Ph: 9381091844
Mail: elostfound204@gmail.com

© Copyright 2020 E-Lost and Found

2.8 Register Found Item

The screenshot shows a web application interface with a dark blue header. On the left, there is a logo and the text "E-Lost and Found". On the right, it says "Welcome Arjun A.S". The main content area is grey. A modal window titled "Register a Found item" is open in the center. The modal has a close button (X) in the top right corner. Inside the modal, the text "Register an item you have found!" is displayed in orange. Below this, it says "Step 2". The first section is "Picture of Item (If it is there!)" which contains a dashed box with a download icon, a "Choose File" button, the text "No file chosen", and the text "Or Drag It Here." in green. The second section is "Enter Date and Time when you have lost this item (approx.)" with a text input field. At the bottom of the modal, there are three buttons: "Previous" (grey), "Next" (blue), and "Submit" (green).

E-Lost and Found

Welcome Arjun A.S

Here you will find the list of items that have been lost

Items already been registered as lost in the lost page

BMSCE map

Register a Found item

Register an item you have found!

Step 2

Picture of Item (If it is there!)

Choose File No file chosen

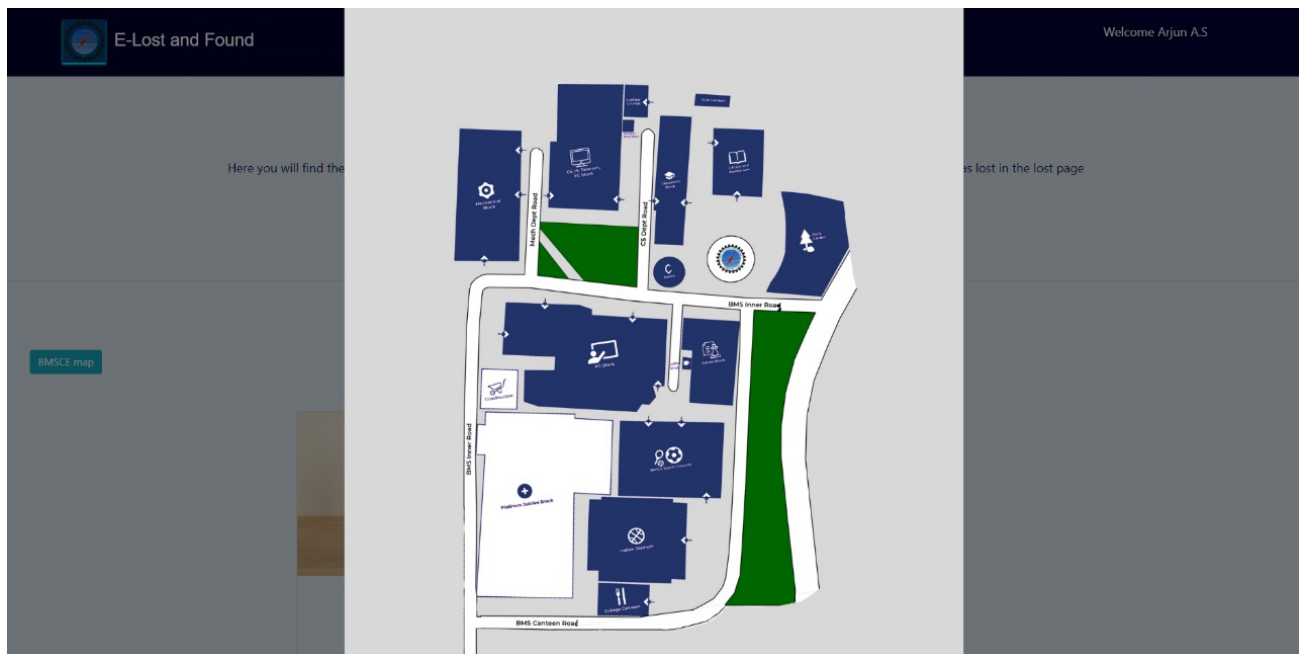
Or Drag It Here.

Enter Date and Time when you have lost this item (approx.)

Previous Next


Submit

2.9 BMSCE Map



3.0 OTP after Signup

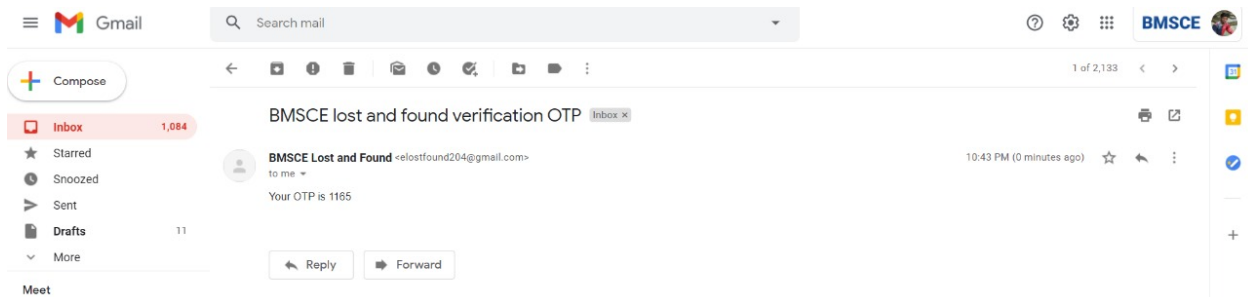
localhost:3000/signup/verify

 E-Lost and Found Home Lost Found Logout Welcome Arjun A.S

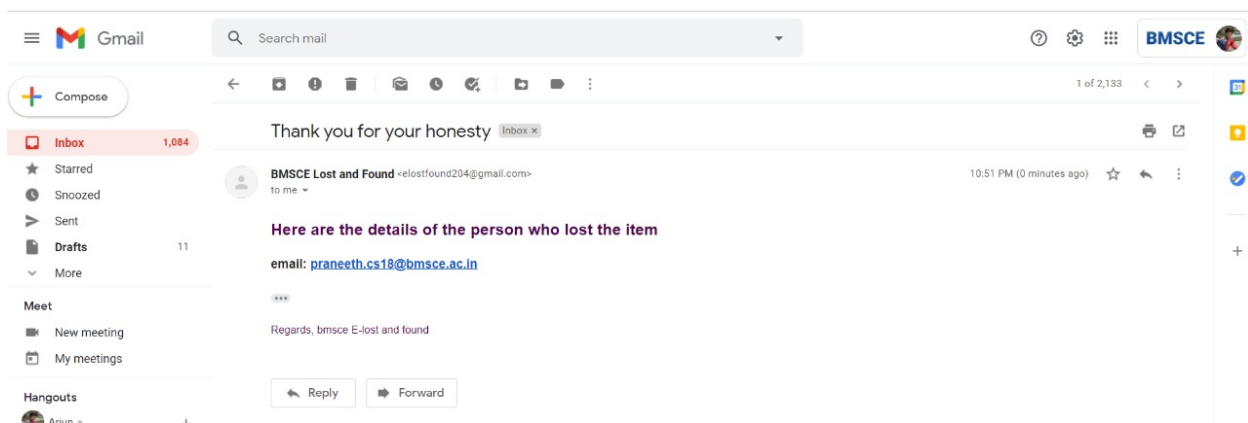
Enter otp

OTP

Our Address
BMS College of Engineering
P.O. Box No.: 1908, Bull Temple Road,
Bangalore - 560 019 Karnataka, India.
Ph: 8095352841
Ph: 9381091844
Mail: elostfound204@gmail.com
© Copyright 2020 E-Lost and Found



3.1 Mail after selecting found item



3.2 Database

DATABASES: 1 COLLECTIONS: 4

+ Create Database

NAMESPACES

lostandfound

foundsfoundsitemslostsusers

lostandfound.founds

COLLECTION SIZE: 656.46KB TOTAL DOCUMENTS: 5 INDEXES TOTAL SIZE: 36KB

FindIndexesSchema Anti-PatternsAggregationSearch Indexes

INSERT DOCUMENT

FILTER {"filter": "example"}

FindReset

QUERY RESULTS 1-5 OF 5

_id: ObjectId("5fdcc1df583bfe09b0313fbd")
name: "Water bottle"
email: "praneeth.cs18@bmsce.ac.in"
place: "New building"
typeob: "Stationary"
descp: "Blue Tupperware"
> productImage: Object
__v: 0

_id: ObjectId("5fdce339dbf2424ae42e21a5")
name: "Helmet"
email: "aniruddhns.cs18@bmsce.ac.in"
place: "College canteen"
typeob: "Electronics"
descp: "Black, Vega"
> productImage: Object
__v: 0

_id: ObjectId("5fdce404dbf2424ae42e21a6")
name: "Sonata watch"
email: "praneeth.cs18@bmsce.ac.in"
place: "C bench"
typeob: "Stationary"
descp: "Gold and black"
> productImage: Object
__v: 0

_id: ObjectId("5fdce4f5dbf2424ae42e21a7")
name: "Golden Ring"
email: "bpraneeth2000@gmail.com"
place: "Mechanical Block, 2nd floor hallway"
typeob: "Jewellery"
descp: "NA"
> productImage: Object
__v: 0

_id: ObjectId("5fdce587dbf2424ae42e21a8")
name: "Keys"
email: "praneeth.cs18@bmsce.ac.in"
place: "Basement 1"
typeob: "Other"
descp: "Car keys"
> productImage: Object
__v: 0

12

[+ Create Database](#)

Q NAMESPACES

lostandfound

- found
- items
- losts
- users**

lostandfound.users

COLLECTION SIZE: 648B TOTAL DOCUMENTS: 3 INDEXES TOTAL SIZE: 72KB

[Find](#) [Indexes](#) [Schema Anti-Patterns](#) [Aggregation](#) [Search Indexes](#)

[INSERT DOCUMENT](#)

[FILTER](#) {"filter": "example"}

[Find](#) [Reset](#)

QUERY RESULTS 1-3 OF 3

```
{
  "_id": ObjectId("5fdb53bfdf9e208a4da3869"),
  "verified": true,
  "name": "Aniruddh",
  "email": "aniruddh.cs18@bmsce.ac.in",
  "password": "$2a$10$6snEZKcZjwYBknE8zHB3vOzYP7iKVbnzbFR0MuzDjNPK/p5YP3wLe",
  "otp": "Verified",
  "registered_date": 2020-12-17T12:49:03.904+00:00,
  "__v": 0
}
```

```
{
  "_id": ObjectId("5fdcd1406394ff544813b78b"),
  "verified": true,
  "name": "Praneeth",
  "email": "praneeth.cs18@bmsce.ac.in",
  "password": "$2a$10$9H8PXRsoE/XepKHmtdeOC3d3pdrFFDUjwr9.w7K/wI01Rw1j2",
  "otp": "Verified",
  "registered_date": 2020-12-18T15:56:48.430+00:00,
  "__v": 0
}
```

```
{
  "_id": ObjectId("5fdce32441df733e68209e82"),
  "verified": true,
  "name": "Arjun A.S",
  "email": "arjun.cs18@bmsce.ac.in",
  "password": "$2a$10$9H8PXRsoE/XepKHmtdeOC3d3pdrFFDUjwr9.w7K/wI01Rw1j2",
  "otp": "Verified",
  "registered_date": 2020-12-18T17:13:00.637+00:00,
  "__v": 0
}
```

