MES COLLEGE OF ENGINEERING - KUTTIPPURAM DEPARTMENT OF COMPUTER APPLICATIONS

20MCA245 – MINI PROJECT

**Mini Project Proposal Submission - Guidelines**

Approval of the mini project proposal is mandatory to continue and submit the project work.

The mini project proposal should clearly state the project objectives and the environment of the proposed project to be undertaken.

The following documents are to be submitted for approval

1. Proforma for approval of the Mini Project
2. Synopsis/Abstract with following contents
   1. Title of the Mini Project
   2. Introduction/Overview of the Project
   3. Motivations of the Project
   4. Problem Definition and Objectives of the Project
   5. Basic functionalities of the Project
   6. Project Developing Environment

**Note:**

1. An editable PDF is given in the 2nd page for filling the Proforma. Fill all the appropriate entries.
2. Template format for preparing the Mini Project Synopsis/Abstract is given in the 4th page of this document.

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MES COLLEGE OF ENGINEERING - KUTTIPPURAM DEPARTMENT OF COMPUTER APPLICATIONS 20MCA245 – MINI PROJECT

PROFORMA FOR THE APPROVAL OF THE FIFTH SEMESTER MINI PROJECT

(*Note: All entries of the proforma for approval should be filled up with appropriate and complete information. Incomplete proforma of approval in any respect will be rejected.*)

|  |  |  |
| --- | --- | --- |
| Mini Project Proposal No :asdfasdfasdfasdfasdfasd  *(Filled by the Department)* |  | Batch: |
|  |

1. Title of the Project :
2. Name of the Guide :
3. Register Number of the Students :
4. Date of Submission :
5. Student Details (in BLOCK LETTERS)

**Name Roll Number Signature**

5

**For Office Use Only**

**Approval Status :** Approved/Not Approved

|  |
| --- |
| Comments/Suggestions : |

Signature of Committee o Members:

|  |
| --- |
| First Review Comments/Suggestions : |
| Second Review Comments/Suggestions : |
| Final Review Comments/Suggestions : |

Dated Signature of Committee Member Dated Signature of HOD

*ONLINE LOST AND FOUND PORTAL FOR CAMPUS*

**1 Introduction**

This project proposes a web-based Lost and Found Portal to help students and staff report lost or found items on campus. It serves as a centralized system to simplify item recovery and reduce confusion.

# Motivation

Losing items like ID cards, books, or phones is common in colleges. Traditional methods (notice boards, social media) are unreliable. A digital platform provides a faster, more organized, and secure way to handle such situation, benefiting students, staff, and campus administration.

# Objective/Problem Statement

The system aims to connect finders and owners of lost items quickly and transparently.

It notifies respective class groups when an item is found and helps campus authorities store unclaimed items securely.

The system is inspired by community bulletin boards and builds upon the idea of integrating real-time alerts for quicker responses.

# Functionalities

# Report lost or found items with description, photo, and location

# Instant notification to class group via mail or system alerts

# Admin can verify and approve listings

# Secure log for unclaimed items managed by staff

# Search and filter features for easy navigation

# Developing Environment

# Frontend: HTML, CSS, JavaScript

# Backend: PHP

# Database: MySQL

# IDE: VS Code

# OS: Windows/Linux

# Conclusion

This system offers a simple but effective solution to a common campus issue. It enhances the recovery process, fosters communication, and provides a safe and organized method to handle unclaimed property.

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***SMART MALL QR-BASED STORE INFORMATION SYSTEM***

**1 Introduction**

This project proposes a web-based system where a single QR code placed in a mall gives shoppers instant access to details about all stores including product info, prices, offers, and store locations.

# Motivation

Shoppers often waste time searching for stores or products. A centralized, QR-based system can simplify this and improve their overall shopping experience. It also provides a practical use of digital systems in daily life.

# Objective/Problem Statement

To reduce confusion and time spent navigating malls by creating a digital platform accessible through QR code. Similar to apps like Google Maps, but simplified and customized for malls.

# Functionalities

# Scan QR code to access site

# Browse or search store/product info

# Filter by floor or category

# Admin can update store/product data

# Developing Environment

# Frontend: HTML, CSS, JS

# Backend: dotnet

# Database: MSSQL

# IDE: VS Code

# Conclusion

The system improves shopping convenience and provides customers with quick, organized access to store and product details inside the mall.

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