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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.*)

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| Mini Project Proposal No :asdfasdfasdfasdfasdfasd  *(Filled by the Department)* |  | Batch:S3-MCA |
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1. Title of the Project : SMART MALL QR-BASED STORE INFORMATION SYSTEM
2. Name of the Guide : RESHMI K
3. Register Number of the Students : MES24MCA-2050
4. Date of Submission : 21/07/2025
5. Student Details (in BLOCK LETTERS)

**Name Roll Number Signature**

SETHULAKSHMI K 50

**For Office Use Only**

**Approval Status :** Approved/Not Approved

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| --- |
| Comments/Suggestions : |

Signature of Committee Members:

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

Dated Signature of Committee Member Dated Signature of HOD

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

# OS: Windows

# Conclusion

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