MES COLLEGE OF ENGINEERING-KUTTIPPURAM

DEPARTMENT OF COMPUTER APPLICATIONS

20MCA245– MINI PROJECT

**Mini Project Proposal (III Semester MCA)**

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. Pro forma for approval of the mini project (Present in this document)
2. Synopsis/Abstract with following contents
   * 1. Title of the Mini Project.
     2. Introduction and Objectives of the Project.
     3. Tools / Platform, Hardware and Software Requirement
     4. Problem Definition and Initial Requirements
     5. Basic functionalities of the project

The abstract should be submitted in the format given in the 3rd page of this document.

The Abstract in the given format shall be uploaded on or before **07**.**08.22**



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PRO FORMA FOR THE APPROVAL OF THE THIRD SEMESTER MINI PROJECT

*(Note: All entries of the pro forma for approval should be filled up with appropriate and complete information. Incomplete*

*Pro forma of approval in any respect will be rejected.)*



1. Title of the Project : BOARD AND LODGE INMATE MONITORING SYSTEM
2. Name of the Guide :
3. Reg.Number of the Student: 16661
4. Student Details (in BLOCK LETTERS)

Name Roll Number Signature

NIDHA POOZHIKAL 35 

Date: 07-08-2022

**Approval Status :** Approved / Not Approved

Signature of

Committee Members



**Comments of The Mini Project Guide**  Dated Signature

Initial Submission :



First Review :



Second Review :



**Comments of The Project Coordinator** Dated Signature

Initial Submission:



First Review



Second Review



Final Comments :

Dated Signature of HOD Page - 2

BOARD AND LODGE INMATE MONITORING SYSTEM

Nidha Poozhikal

**Introduction:**

The project “Board and lodge inmate monitoring system” mainly targets lodges and hostels. The safety and security of each customer are assured by the management. It is very complex to manage data and information for each person. There are many people to manage it and it takes a lot of time for them. This project helps in keeping the track of workflow of the lodge and hostel. This will reduce time delay and paper transactions and also reduce the workload of staff and as well as customers. It is the computerisation of a lodge or hostel.

**Objectives:**

The main objective of the proposed system is to provide information instantly as and when it is required. And also, is to make the Lodge information details more efficient and effective. This system should maintain different data files so that the data can be retrieved easily and in an efficient manner. The system should be very interactive. It should ensure process integration to the desired extent, and various reports should be generated as the request. This system should also ensure that there is no redundancy in the recorded data.

**Problem Definition:**

This project works and updates Customer records, Employee records, Lodge records, records of Tariff, Attendance records, Room records, Mess records, Admission processes, and Payment processes. The system automatically calculates Hostel bills, Mess bills, other bills, and Dues. The data are stored in the database and the reports are generated according to the user request. It keeps track of the number of customers in the room and the availability of rooms. It helps the organisation from the manual work from which it is very difficult to find the record of the customer and the mess bill of each customer.

**Basic functionalities:**

* ADMIN

1. add room
2. add employee
3. view reports
4. view bills

* Employee

1. add Customer
2. add bill
3. add attendance
4. view reports
5. view bill

* Customer

1. login
2. register
3. payment
4. view bill
5. view reports

* Software Requirement:

Front End: HTML/CSS

Framework: Laravel

Back End: pHp/SQL



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