

PROJECT ABSTRACT

TOPIC: Apartment Management System

Under the Guidance of:

Ms Navyamol K T

Assistant Professor

Amal jyothi College of Engineering,

Kanjirapally

Submitted By:

Ammu Chandy Andrews

MCA Regular S6

Roll no:6

Apartment Management System

Apartment management programs are designed to provide utility to the daily operations of apartment. Admin can control all and Owner can Monitor Renter. Employee can Check his Information. This software helps to maintain the track records of sales, purchases, receipts, billing, installments, advances made, maintenances and other related issues. It helps in replacing the manual system of record keeping with the modern computerized system.

Functional Modules:

Registration

Employee, Owner, and tenant can register to the system using login information and also there is a change password and forgot password option. Unauthorized people cannot access the profile by providing the security using password encryption.

Maintenance

The maintenance related activities are handled by this module. It holds data such as the name of the owner, address, phone number, house details, annual payment of charges, and the amount that has to be paid towards maintenance. It shall also take care of the receipts that need to be generated for each of the payments.

Booking

Tenants can book food items from the apartment restaurant whenever they want.

Payment

Tenants can pay bills like gas, water, electricity bills etc by online. The payment includes the service, tax and the mode of payment.

Other Features

Details of block

Details of apartment

Owner details

Receipts of installments

Separate apartment details

Monthly expenses maintenance

Monthly receipt maintenance

Reports

Generation of bill

Renter suggestion

User of the System

- Admin
- Owner
- Employee
- Renter
- Restaurant manager

Admin

Admin can add and maintain floor unit, maintain renter information, employee information. Rent of each month is collected, owner utility and other cost each month. Apartment Maintenance Cost can be saved. Admin can collect bills like gas bill, electric bill etc each month and can save building information. Admin can check complaints. Owner, employee, tenants informations can be viewed. He can search employee, owner details by name.

Owner

Owner can check his own unit and can check his unit renter details. Employee details can be viewed. Owner can check renter rent each month. He can check his own utility details, maintenance cost each month. Complaints of the tenants in the apartment is also collected.

Employee

Employee can check his own salary., renter details.

Employees include plumber, electrician, peon, security, painter etc give different services and make payment for that.

Renter

Renter can check rent, unit details and payment bills each month. They can view rent report and make complaints to the owner and admin. They can view and book food items from the apartment restaurant and make payment on it.

Restaurant Manager

He can add, delete, and update food item. Overall management of restaurant. He can add employees to deliver the food item to different blocks in apartment.