G. S. Mandal's

Maharashtra Institute of Technology, Aurangabad

Department of Computer Science and Engineering

***GUIDELINES OF PROJECT REPORT WRITTING***

***General Guidelines***

Left Margin-1.5” Right Margin-1” Top Margin-1”

Bottom Margin-1”

***General Attributes:***

* Title -All Capital—16 TNR Bold
* Chapter heading -All Capital—14 Font TNR Bold
* Subchapter –title case-12 Font bold
* Sub-Subchapter –sentence case-12 Font, no bold
* Page numbers for Index/Contents/Intent should be in roman at bottom center
* Title of the Report should not be more than two lines
* Text pages should be in TNR, 12 font , 1.5 line spacing.
* The page of the Index/Contents/Intent heading should be below the words for appropriate sub chapter or sub-sub chapter as shown in sample copy
* The page numbers should be at bottom center

***Binding***

* Spiral binding for Minor project TY CSE

A Project Report on

**Real Estate Management system**

**[16 TNR Bold]**

**Submitted by**

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**Under the guidance of**

**Name of Guide [12 TNR Bold]**

**In partial fulfilment of the award of Bachelor of Technology in Computer Science and Engineering [12 TNR Bold]**



**Department of Computer Science and Engineering** [14 **TNR**]

**Maharawada Institute of Technology,**

**Aurangabad (M.S)[14 TNR Bold]**

**[2022-23]**

**DECLARATION**

I declare that this written submission represents my ideas in my own words and where others ideas or words have been included; I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Place: Aurangabad

Date:

**Signature and Name of students**

**CERTIFICATE**

This is to certify that the minor project report entitled “**Name of Project Report (12 TNR bold, title case)”**, submitted by name of candidate **(12 TNR bold, title case)**is the bonafied work completed under my supervision and guidance in partial fulfilment for the award of Bachelor of Technology in Computer Science and Engineering, Marathwada Institute of Technology under Dr. Babasaheb Ambedkar Tecnological University, Lonere, Raigad (M.S.).

Place: Aurangabad

Date:

**xxxx**

Guide

**Dr. S. L. Kasar**

Head of Department

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Principal

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**APPROVAL CERTIFICATE**

This minor project report entitled“**Real Estate Management System”** by **Name of candidate (12 TNR bold, title case)** is approved for B.Tech Third year in Computer Science and Engineering, Marathwada Institute of Technology under Dr. Babasaheb Ambedkar Technolgoical University, Aurangabad (M.S.).

Place: Aurangabad

Date:

**Examiner:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(Signature)**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(Name)**

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| **Symbol** | **Illustration** |
| Φ | Pressure Angle Radian |
| τ | Shearing Stress N/mm2 |

**ABSTRACT**

The purpose of Real Estate Management System is to automate the existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Real Estate Management System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for clients

**Chapter 1**

**INTRODUCTION**

**1.1 Introduction**

1) Real estate Management System is basically web-based software.

which is use to buying, of properties through this internet.

2) This Software solution will ease the management of real estate businesses.

3) In Real Estate there are lots of calculations like keeping record of Properties in terms of location, rate, number of registered members, and especially calculations of Loan EMI calculation concept at the time of transaction etc. These calculations are not only complicated but also brain eating

4) Our project also consists of individual detail of property, customer’s detail’s, and feedback’s details.

5) So the owner can have all these details in his personal computers rather than having hundreds of registers.

6) System is operational feasible since the user are familiar with the simple technologies. So, the system is very user friendly and easy to use.

**1.2 Problem Defination**

Problem Statement: In Real Estate there are lots of calculations like keeping records of properties in terms of location, rate, number of registered members, and especially estimates of Loan EMI calculation concept at the time of transaction etc. These calculations are not only complicated but also brain-eating and many parties like the broker limit the profit margins and create property hikes. Searching and sorting properties according to the user's needs/requirements becomes difficult.

Solution: Creating an online solution that solves the problem of managing, calculating, searching and sorting properties according to user needs, maintaining all records and replacing almost all third parties involved for increasing the profit margins to the seller

**1.3 Objectives**

The main objective of the Project on Real Estate Management System is to manage the details of Property, Property Type, Property Details, Flats, Location. It manages all the information about Property, Facility, Location, Property. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Property, Property Type, Facility, Property Details. It tracks all the details about the Property Details, Flats, Location**.**

**1.4 Scope**

It may help collecting perfect management in details. In a very sh collection will be obvious, simple and sensible. It will help a person t management of passed year perfectly and vividly. It also helps in curren relative to Real Estate Management System. It will be also reduced th collecting the management & collection procedure will go on smoothly.

Our project aims at Business process automation, ie. we have computerize various processes of Real Estate Management System.

• In computer system the person has to fill the various forms & number of co the forms can be easily generated at a time.

• In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.

• To assist the staff in capturing the effort spent on their respective working areas.

To utilize resources in an efficient manner by increasing their productivity through automation.

• The system generates types of information that can be used for various purposes.

• It satisfy the user requirement

• Be easy to understand by the user and operator

• Be easy to operate

• Have a good user interface

• Be expandable

• Delivered on schedule within budget

**1.5 Applications**

**1.6Organization and project plan**

**Literature Survey**

**1.1 Literature**

Some features of websites which we survey by our own.

Property Management Accounting Software Accounting

Get paid, run reports, and make taxes a breeze Property Management Software

Bank Sync

Connect any bank or credit card

QuickBooks

One-click sync and reconciliation

Property Management Reporting Software

Run unlimited custom reports in seconds

View all accounting

LEASING

Property Management & Advertising Software Listings

Advertise listings and attract ideal tenants

Collect rent

Rent Collection

Get paid on autopilot

Online Rental Application Software

Applications & eSign

Send lease agreements with electronic signatures Run background, credit, and eviction checks Tenant Management Software

Tenants

Manage leases and communicate effectively Send secure messages to tenants anytime Integrations

Sync with thousands of apps

Mobile apps

Manage your portfolio anywhere

Security

Fully encrypted data with 24/7 monitoring

Support

Get world-class help in minutes

View all product

PROPERTY MANAGEMENT

Form relationships and manage prospects

Online Lease Software

File Storage

Never lose important files again

Work Order Software

Maintenance

Manage maintenance requests & vendors Property Owner Portal Software

Owners

Keep owners happy with transparency

Platform

ResMan Multifamily ResMan Affordable ResMan Marketing

Solutions Accounting

Websites Budgeting Reporting

CRM

Chatbot

Contact Center Resident Screening Marketing Payments

Utilities

Online Leasing

Online Portal

Property Maintenance Affordable Compliance Lead Management Resident Credit Reporting Investor Management

By Role

Property Managers Property Accountants Property Marketing Property Maintenance

Integrations

Debt Collection

Internet Listing Services

Payment Processing

Search All Integrations

Partner With ResMan

These some following features we have seen on literature survey

Now we are adding some basic and advance features in our mini project website..

Some basic features like: Email Address

Password

Sign In

Forgot Password?

Don't have an account? Create an account Authorize Security Seal Property Management

The following are some advance feature we can add some like..

Login

Pricing

Login

Contact Sales

Request A Demo

Rental Property Management Software Made Easy Manage and grow your portfolio from anywhere with ease. Your business email

No credit card needed. Cancel anytime. Dashboard

AS SEEN ON

Residential

commercial property Commercial

student housing property Student Housing

HOA property

affordable housing property Affordable Housing

self storage property

Self Storage

mobile home property Mobile Homes

Tenants

Owners

Accounting

Maintenance

**System Development**

**3.1 Proposed system**

1. The proposed system will be developed using VISUAL STUDIO and SQL Server as a back end database. The proposed system deals with very popular World Wide Web (www) i.e. Internet.

2. The database is used i.e. SQL Server very faster well designed tool to the user for quick manipulation with it.

3. The proposed system will have better Input/output capabilities of each the user activities while interacting with the system.

4. The search/retrieval of the properties/flats is much faster than the present system.Hence it cause to saving time for the further work.

5. The user can have fast interaction with the system by inserting keywords at the respective places, by clicking on the buttons or links etc. Because not only the front end provides the faster interaction with the records but with back end also provides the proper interaction with the records and gives or prompts the information to the enduser if he is making error during work.

6. Searching feature is quite faster than current system. Because it searches directly from system

that is from the front end.

Advantages Of Proposed System

1. The System Which Will allow the user to quickly and easily search a property for buy and Sell.

2. The register user can upload his property for sale or rent out.

3. The System is design and developed in such way that it tries to overcome all the prescribe problem.

4. The system being an online system will give accurate information regarding the property which helps to view all the stuff information directly from anywhere

**3.2 Database Specification**

Software Specification-:

1. Visual Studio

2. SQL Server

3. Xampp

**3.3 Algorithms/techniques/Procedures**

**3.4 Performance Evaluation Parameter**

**3.5 Implementation Details**

**Performance Analysis**

**4.1 Accuracy/Testing**

**Conclusion**

**5.1 Conclusion**

Our project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software W project and should be updated regularly as the project progresses.

At the end it is concluded that we have made effort on following points.

• A description of the background and context of the project and its relation to work already done in the area.

•Made statement of the aims and objectives of the project.

• The description of Purpose, Scope, and applicability.

• We define the problem on which we are working in the project.

We describe the requirement Specifications of the system and the actions that

can be done on these things.

• We understand the problem domain and produce a model of the system, which describes operations that can be performed on the system.

• We included features and operations in detail, including screen layouts.

• We designed user interface and security issues related to system.

Finally the system is implemented and tested according to test cases.

**5.2 Future Scope**

In a nutshell, it can be summarized that the future scope of the project circles around maintaining information regarding:

• We can add printer in future.

• We can give more advance software for Real Estate Management System including more facilities

We will host the platform on online servers to make it accessible worldwide

• Integrate multiple load balancers to distribute the loads of the system

• Create the master and slave database structure to reduce the overload of the database queries

• Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers

The above mentioned points are the enhancements which can be done to increase the applicability and usage of this project. Here we can maintain the records of Property and Property Type. Also, as it can be seen that now-a-days the players are versatile, i.e. so there is a scope for introducing a method to maintain the Real Estate Management System. Enhancements can be done to maintain all the Property, Property Type, Property Details, Flats, Location.

We have left all the options open so that if there is any other future requirement in the system by the user for the enhancement of the system then it is possible to implement them.In the last we would like to thanks all the persons involved in the development of the system directly or indirectly. We hope that the project will serve its purpose for which it is develop there by underlining success of process

**ACKNOWLEDGEMENT**

**Project Guide**

**Teaching and non teaching staff, library**

**Dr. S. L. Kasar,Head of Department**

**Dr. S. P. Bhosle,Principal,Maharashtra Institute of Technology,Aurangabad**

**NAME OF STUDENT**

**Roll No:**

***GENERAL GUIDELINES FOR Minor PROJECT REPORT***

***WRITTING:***

1. First Show Project Report (soft copy) to Your Respective Guide.
2. Follow Strictly Guidelines of Report Writing.
3. **Take print (Minor project – min. 30 pages).**
4. Project Report should be spiral bound (Colour – blue & white) for TY CSE.Submit**Two Copy (one for Guide and other to project coordinator) and Student should prepare student copy separately**.
5. Make ONE DVD (contains= All the information of Your Project Report )
6. in word file , Power Point Presentation, coding , Hardware Details, Reference Papers etc. execution video/ read me file)
7. Flap -Suitable flap (bookmark) with name of the candidate, Department and Institute name and symbol can be used with nylon strip.