

**P.E.Society’s**

**MODERN COLLEGE OF**

**ARTS, SCIENCE & COMMERCE.**

**(Business Administration Campus),**

**SHIVAJI NAGAR, PUNE 411005.**

**Chit Fund Management System**

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**Project Guide**

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**SYNOPSIS**

**EXISTING SYSTEM**

In the existing system the case details are maintained manually. The application details group details, payment details, member details, agent details etc. Are maintained manually. The study of the existing system revealed that the system has several drawbacks.

**Limitations:**

* The existing system has no security measures.
* The system does not have any reports and thus did not help management in decision-making.
* The case information’s per day is unable to find.
* It’s time consuming.
* Chances for errors because the data are maintained manually.
* Existing system uses different system to maintain employee data.

**PROPOSED SYSTEM**

The proposed system is computerized one, in which time is greatly reduced. Since this is a computerized one there will be no chances of human error to encounter. In the proposed system there will be a lot of improvement in the quality, speed and efficiency. This system is all in one because in proposed system company can maintain employee’s data as well. Since it is user friendly any one can operate individually. Also it does not contain Paper usage as compared to Existing System.

**Design Specification (DFD & ERD)**

**Context Level(0 Level) DFD :**

Member, group, agent and bidding details

Company, branch and employee details

0

Chit Fund Management System

Reports

Admin

Employee

Pay to member and agent

Pay salary to employee

Reports

Payment log data

Generate salary slip

Payment log report

**Level 1 DFD :**

1.0

Company Details

Company details

Company

Conformation

Conformation

Admin

Company registration

Branch

Branch details

Branch details

2.0

Admin

Branch registration

Conformation

Conformation

Branch and report details

3.0

Branch report

Admin

Branch Reporting

Branch

Report details

Report details

Member details

Member details

Member

4.0

3.0

.0

Conformation

Conformation

Member Profile

Employee

3.0

.0

Member and

log details

Member transaction log

5.0

3.0

.0

Log report

Member

Employee

3.0

.0

Log details

Log details

Member and

payment details

6.0

3.0

.0

Member payment

Payment confirmation

Employee

3.0

.0

Member

Payment details

Payment details

Member and

loan details

Member loan details

7.0

3.0

.0

Loan activity

Employee

3.0

.0

Member

Loan amount

Loan amount

Member and

bidding details

8.0

3.0

.0

Bidding result

Member

Employee

3.0

.0

Bidding process

Bidding details

Bidding details

9.0

3.0

.0

Member and bidding log details

Bidding log

Employee

3.0

.0

Member

Bidding log

Bidding log

details

Bidding log

details

Agent details

Employee

3.0

.0

Agent details

10.0

3.0

.0

Conformation

Conformation

Agent registration

Agent

Agent and commission

details

Commission receipt generation

11.0

3.0

.0

Agent

Commission details

Commission details

Agent commission and receipt generation

Employee

3.0

.0

Payment confirmation

12.0

3.0

.0

Agent details

Employee

3.0

.0

Agent

Agent payment

Payment details

Payment details

13.0

3.0

.0

Log report

Agent details

Agent payment log

Employee

3.0

.0

Agent

Log details

Log details

Employee details

Employee details

14.0

3.0

.0

Conformation

Admin

3.0

.0

Employee

3.0

.0

Employee registration

Conformation

Employee attendance

Employee attendance

15.0

3.0

.0

Employee attendance

Attendance report

Employee attendance details

Admin

3.0

.0

Employee

3.0

.0

Employee and

slip details

Salary slip

Salary slip generation

Admin

3.0

.0

16.0

3.0

.0

Employee

3.0

.0

Salary details

Salary details

Employee and

payment details

Payment confirmation

Salary payment

17.0

3.0

.0

Payment details

Payment details

Admin

3.0

.0

Employee

3.0

.0

Employee and

log details

Log report

18.0

3.0

.0

Log details

Log details

Employee

3.0

.0

Salary payment log

Admin

3.0

.0

**ER Diagram :**

**Addr**

**Owner**

**Cin\_no**

**Company\_Name**

**Date\_of\_Incorporation**

**s**

**E\_Designation**

**COMPANY**

**1**

**E\_NAME**

**Has**

**E\_addr**

Manager

Manager

**E\_Mobile**

**E\_ID**

**M**

**1**

**M**

**Has**

**EMPLOYEE**

**BRANCH**

**1**

**E\_email**

**B\_addr**

**City**

**Branch\_id**

**Manager**

Manager

**A\_name**

**A\_id**

**Has**

MEMBERS

**A\_addr**

**Group\_id**

**Chit\_amt**

**M**

**M**

**Has**

**AGENT**

**M**

M\_ID

**MEMBERS**

**Loan\_amt**

**A\_email**

**A\_mob**

**M\_aadhaar\_no**

MEMBERS

**M\_mob\_no**

**M\_ID**

**M\_name**

**FORM DESCRIPTION**

1. **Company Profile :-** In this form user can add/update/delete company details. This form can access only by the admin.
2. **Branch Profile :-** In this form user can add/update/delete branch details of particular chit fund company. This form can access only by the admin.
3. **Branch Report :-** In this form user can generate reports of branch on bases of daily/weekly/monthly/quarterly/annually. This form can access only by the admin.
4. **Member Profile :-** In this form user can add/update/delete member details. This form can access by admin and employee.
5. **Member Transaction Log :-** In this form log of transaction which done by member is maintain . This form can access by admin and employee.
6. **Member Payment :-** It’s a payment gateway by which company can pay to member. Admin and employee can access this form.
7. **Loan :-** If the member borrowed the loan from company then the loan detail will maintain in this form. This form can access by admin and employee.
8. **Bidding :-** In this form all the bidding activity will processed. This form can access by admin and employee.
9. **Bidding Log :-** In this form log of auction’s done in particular period is maintain. This form can access by admin and employee.
10. **Employee Profile :-** In this form user can add/update/delete employee details. This form can access by only admin.
11. **Employee Attendance :-** Attendance of employee is maintain in this form. Only admin can access this form.
12. **Salary Slip :-** This form generate salary slip of employee according to his attendance. Access of this form is only for admin.
13. **Salary Payment :-** It’s payment gateway for salary payment of employee. This form can access by only admin.
14. **Salary Log :-** In this form log of salary paid to employee is maintain. The access for this form is only for admin.
15. **Agent Profile :-** In this form user can add/update/delete agent details. This form can access by both admin and employee.
16. **Commission :-** This form include calculation of commission and receipt generation for agent. Access for this for is for admin as well as employee.
17. **Agent Payment :-** This is payment gateway by which company can pay commission to agent. This form can access by both admin and employee.
18. **Agent Payment Log :-** In this form payment log is maintain for the amount paid to agent as commission. The form can access by both admin and employee.

**FUTURE ENHANCEMENT**

Every application has its own merits and demerits. The projects has covered all the requirements. Further requirement and improvement can easily done since the coding is mainly structured for this project. Changing the existing modules or adding new modules can be a improvements. In future the system not only access by admin and employee but also access by member’s and agent’s by that company will required less manpower and less time to do work. Security of system will also enhance by providing appropriate authentication to appropriate user.

**SOFTWARE REQUIREMENT**

**Front-end :-** Visual Studio 2019 [C#.NET]. **Version:-**16.8.

**Back-end :-** MS Access Database **Version:-**16.0.

**HARDWARE REQUIREMENT**

* **Processor :-** Dual Core Processor
* **Operating System :-** Windows 7 OS
* **RAM :-** 4 GB
* **Hard Disk :-** 40 GB