

SADGURU GADAGE MAHARAJ COLLEGE, KARAD.

A

Project report on

Fitness Clube Management System

Submitted to

SHIVAJI UNIVERSITY, KOLHAPUR

THROUGH

DEPARTMENT OF COMPUTER SCIENCE
SADGURU GADAGE MAHARAJ COLLEGE, KARAD

(AUTONOMUS COLLEGE)

IN PARTIAL FULFILMENT OF THE DEGREE

B.Sc (Computer Science) Part – III Semester - VI

Submitted By

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Under The Guidance Of Prof.Mahangade S.

Year: 2023 - 2024

RAYAT SHIKSHAN SANSTHA'S

Sadguru Gadage Maharaj College,karad



This is certify that,

- 1] Deshmukh Prithviraj Krishnat
- 2] Patil Sumit Mahadev

Have satisfactorily completed the major project entitled as "Fitness Clube Management System" in the partial fulfilment of B.Sc.(Comuper Science) during the academic year 2023-2024.

Place	:	Karad
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Date:

Guide Examiner Head of Department

ACKNOWLEDGEMENT

We express our sincere thanks to Hon.principle Dr.M.Rajmane of

S.G.M.College, Karad for providing us required university rule and

regulation to complete this project work in time.

We are also thankful to Prof.Nalawade B.J. sir (HOD of C.S.

Department) and our guide Prof.Mahangade .S. Mam who encourage, advice

and suggest us to successful complete our project. We are thankful to our

librarian and there staff for providing us all library facilities time to time. We

would like to thank to other teaching and nonteaching staff member of

C.S.Department.

At last but not least ,we are very much thankful to our parent and

friend for co-operation to successfully complete this project in time.

Mr.Deshmukh Prithviraj Krishnat

Mr.Patil Sumit Mahadev

Place: Karad

Date:

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DECLARATION

We hereby declare that, The industrial project entitled "Fitness Clube Management System" has not formed earlier the basic for the award of degree of this or any other university or examination body.

Further we declared that we have not violated any of the provisions under copyright act.

Place: Karad

Date:

Name	Exam Seat No.	Sign
Deshmukh Prithviraj Krishnat	18	
Patil Sumit Mahadev	59	

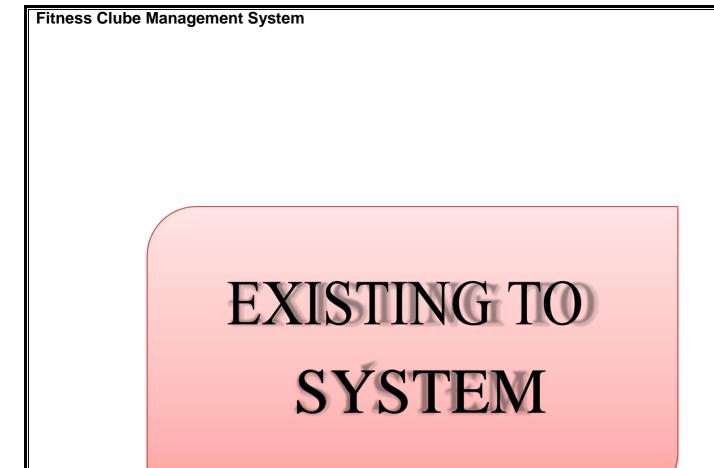
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Fitness Clube Management System
INTRODUCTION
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INTRODUCTION

In the pursuit of responsible and sustainable practices within the dynamic realm of Fitness Clube,"Fitness Clube Management System" stands committed to fostering a culture of excellence, environmental stewardship, and community engagement. Through this document, we articulate our vision, objectives, and commitments to guide our efforts in ensuring that our petroleum-related endeavors contribute positively to the well-being of our planet, the safety of our workforce, and the prosperity of the communities we touch. Here users interact with Front End designed using C# and all information can be stored at the back end Microsoft SQL Server.



The Existing System is -

- o The existing system is manual system. Needs to be converted into automated system.
- o There are many drawbacks of the existing system such as requirement of large number of human resource and papers along with higher chance of losing data and tearing books.
- o Less Security.
- o It is not reliable.
- o Existing system is a time consuming.
- o Accuracy not guaranteed.

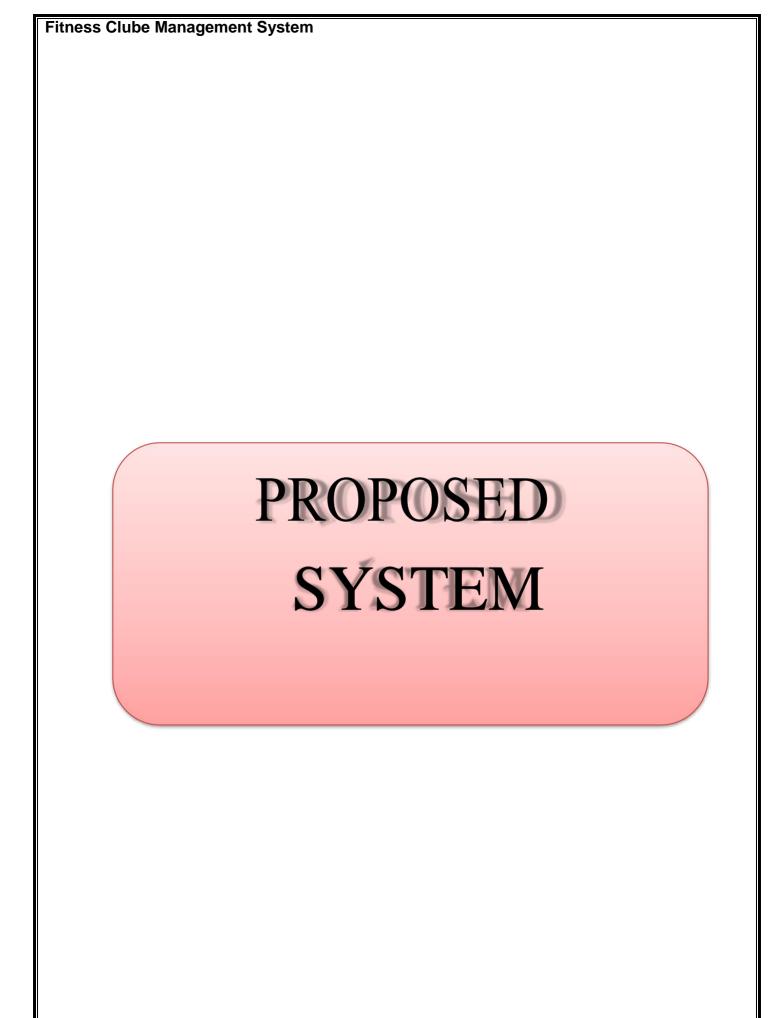
Drawbacks -

- o As the system totally manually it is difficult to maintain the track of Customer Bill, staff salary payments, Stock Details, staff advances and Customer Repayments. etc. that's why it was consume his lot of time.
- o A computerized management system is required.
- o All records store in pages while spend out of time and human power.
- o It is difficult to get a quick reference in registers
- o No Online Transaction Process
- o Business working poorly

The Solution of these Problem -

The development of the new system contains the following activities, which try to automate the entire process keeping in view of the database integration approach.

- o User friendliness is provided in the application with various controls.
- o The system makes the overall project management much easier and flexible.
- o There is no risk of data mismanagement at any level while the project development is under process.
- o It provides high level of security with different level of authentication.
- o Users from any part of the world can make use of the system.
- o New system will process accurate results.
- o New system will be much better in performance as compared to existing one.



Proposed System

The front-end development tool was C# windows Forms which allows visualization to build Petroleum Management System. The back-end code was done withfully object-oriented. The C# is easy-to-use and efficient.

The back-end database development tool used was Microsoft SQL Server. It is able to handle large amounts of data while maintaining data integrity and provides a number of senior management and data distribution functions. These two development tools are powerful, and a good interface for development.

Features of The System -

The Features & easy to manage for this project are:-

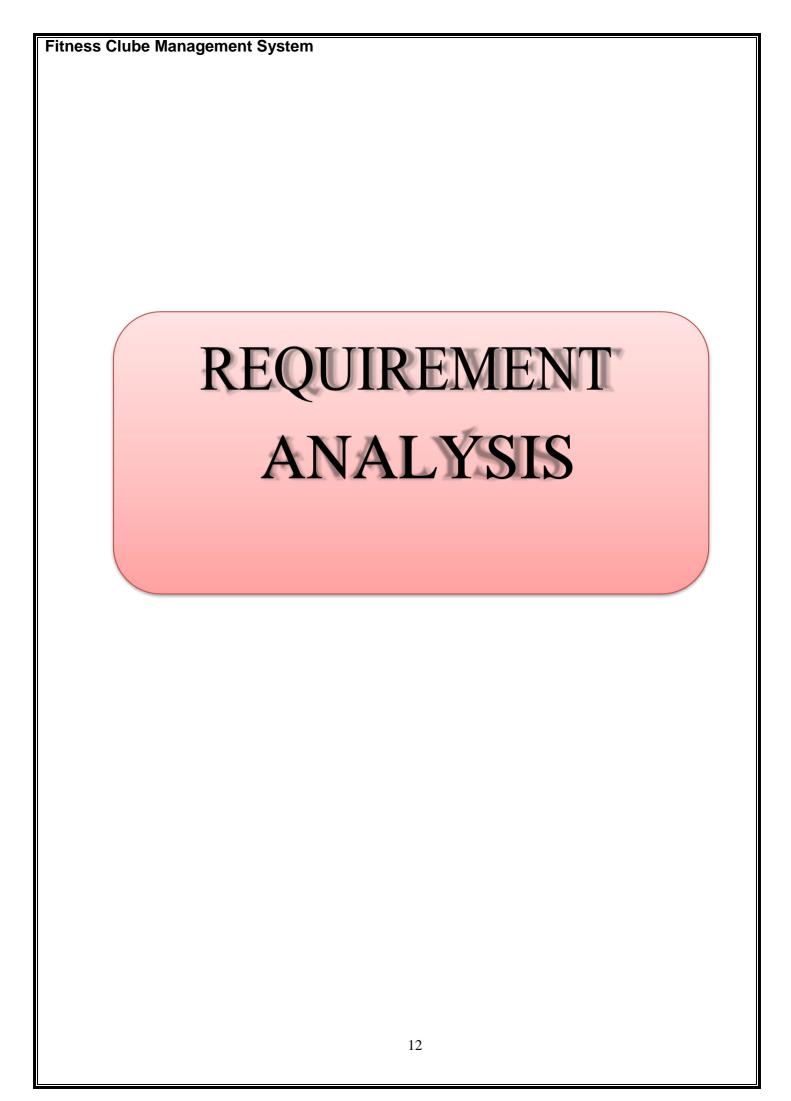
- o The System is user friendly.
- o Cost effective, Secured Data.
- o The coding language is C# which is easy to understand which follows the C/C++ language syntax .
 - o The forms are designed in List View format Computerized System.

Objectives of The System -

The Objectives for this project are:-

- o Master Entries such as Fuel Details, Adding New Stock, Customer Bills, Expense Details, Worker Details and documents types etc.
- o It handles Customer Order process, Staff entry, their Salary, advances and payments.
- o It also keeps the track of fee Damage Stocks and daily expenses.
- o It keeps the track of Member Bill.
- o Provide all reports which contain Fuel Details Information, Expense Details, Customer Bills, Damage Stock, Worker Details. .

Fitness Clube Management System Scope of The System o The provided system cannot be used to calculate profit loss report as there are many other things have to be considered in calculating the profit loss report. o The target user for this system is the only Admin of the Gym. o The system helps to overcome data redundancy and it also saves time. o Limited Customer reach 11



> System Requirements

For implementing this project, VS 2010 IDE, .NET Framework 4 and Microsoft SQL Server database used as a s/w platform.

Software Requirement:

o **Operating System :** Windows 10

o Front End (IDE & Tool): Visual Studio 2010 IDE and .NET

Framework 4

o Back End: Microsoft SQL Server

o **Reporting**: Crystal Reports

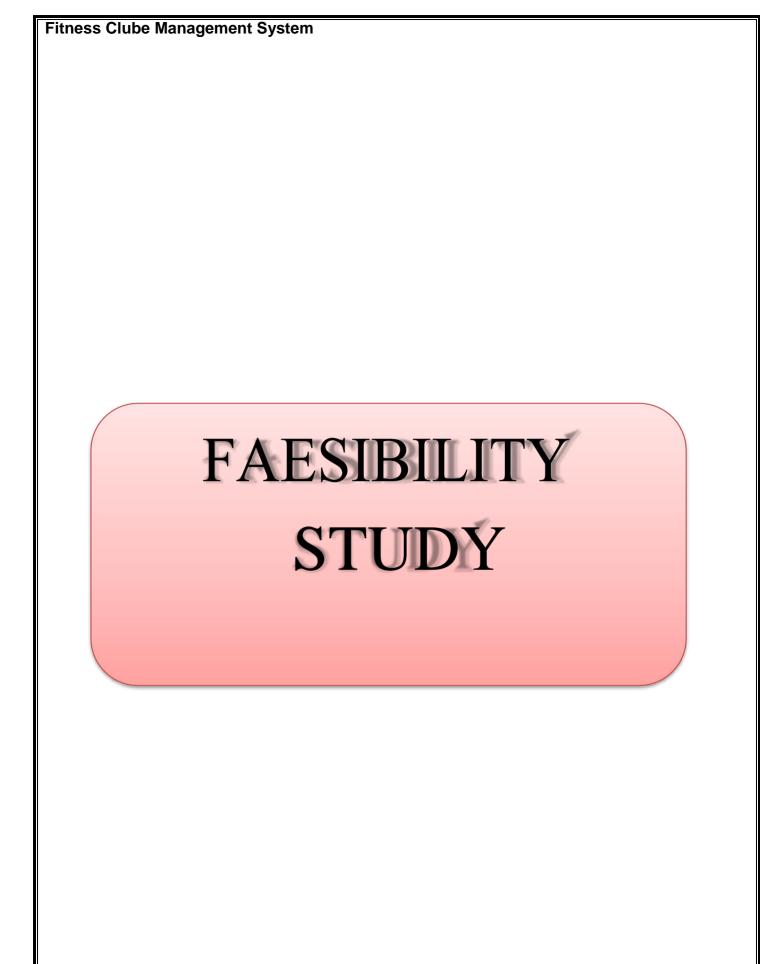
Hardware Requirement:

o **Processor**: Pentium IV (and above)

o RAM: Min 8GB RAM

o **Hard Disk**: 256 GB (or more)

o Other Equipment: Printer, Keyboard, Mouse etc.



Feasibility Study

The main objective of feasibility study is to test the technical, social and economic of developing a system. This is done by investigation the existing system in the area under investigation and generation idea about the new system. Prior to the system developed a thorough study of the system is carried out involves......

- o Identification of user requirement.
- o Identification how different tasks are carried out.
- o Identification whether proposed system can meet the user requirement.
- o Providing technical, economical, operational feasibility of the proposed System.

The details of the feasibility study are given below:-

TECHNICAL FEASIBILITY:-

- o The system is developed by using VS 2010 and .NET Framework 4 which has already installed on the computer system. The machine configuration also supports the system.
- o The system being user friendly, data entre & reports generation is made easy.
- o Easy retrieval and access of data is provided.

OPERATIONAL FEASIBILITY:-

- o Cost of implementation of the system as well as the installation that to consider in the operational feasibility. After implementation of the system there is need to arrange training program for users of the system.
- o Expenditure for this system is also a part of this of his study.

ECONOMIC FEASIBILITY:-

Economical feasibility is basically a cost benefit analysis. The cost concerned is....

- o The cost for system development.
- o The cost of hardware, software for the system is presented economical.
- o The benefit can be seen in form cost cutting due to fast working.
- o The user training is also included in cost of making the software, so it is beneficial deal.



> Fact Finding Techniques

A key part of feasibility is gathering information about the present system. The analyst knows what information to gather to make of it.

OUESTIONNARIES:-

It allows analyst to collect information from a group of individuals who may or may not be using the system thus resulting some times in irrelevant data & data redundancy.

INTERVIEWS:-

Analysts use interview to collect information from individuals who they consider should be the sources, who are current users of the existing system. The analyst should have a face conversation with the users & administrator of the system & fixed set of questions is prepared.

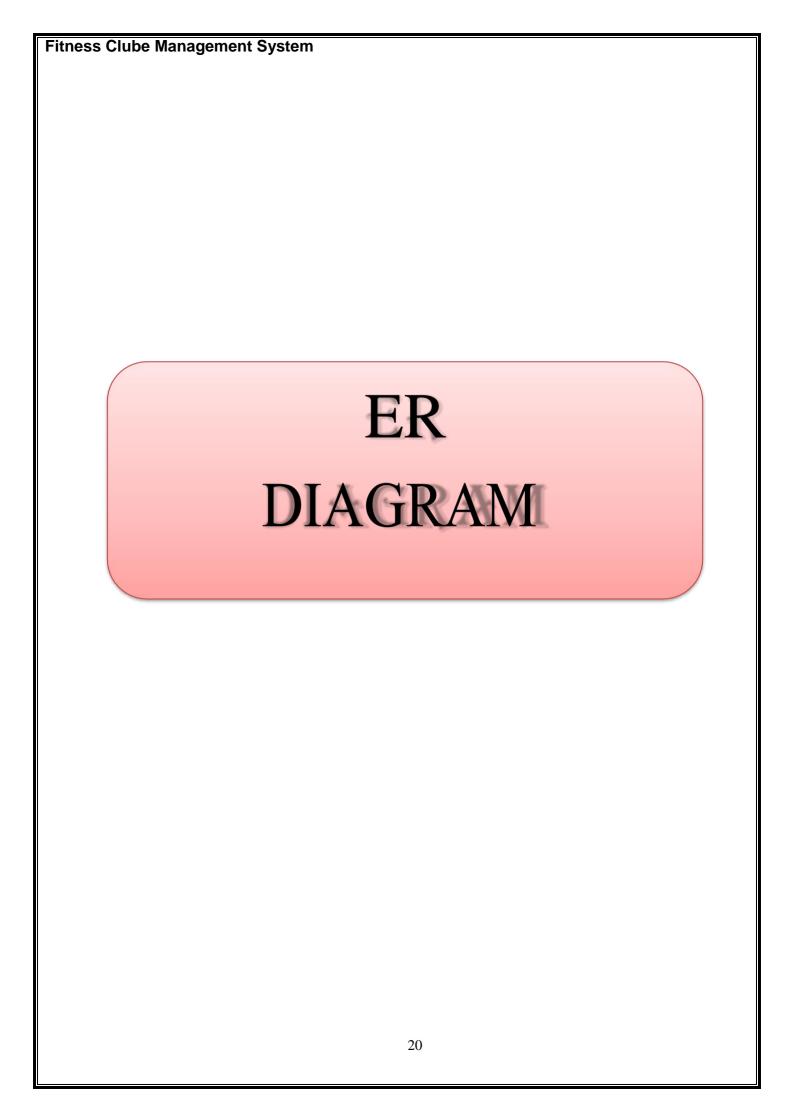
RECORD REVIEW:-

Consisting of analyzing the previous operations in the company & forecasting the new future schemes .Record include table name, date& time creation, user login etc.

OBSERVATION:-

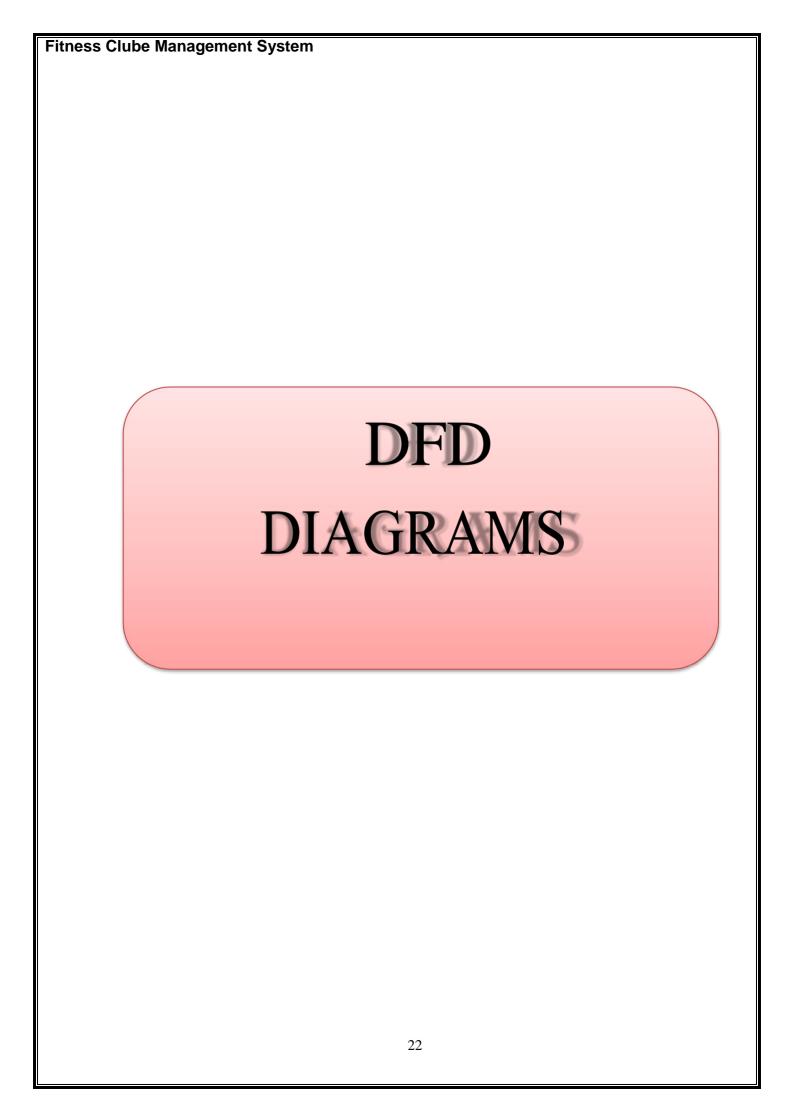
If information is not collected from the other fact-finding method, then observation method is used. In this method analyst observes flow of documents, way the process is carried out steps followed person involved etc.

Fitness	s Clube Management System
/	
	SYSTEM ANALYSIS



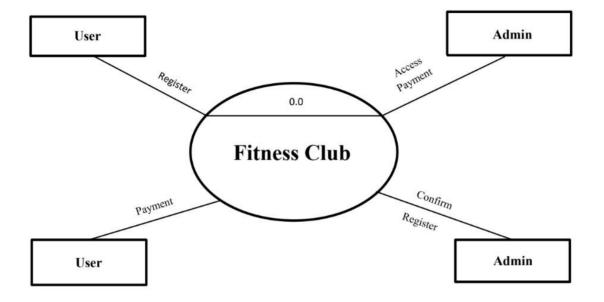
Entity Relationship Diagram(ERD)

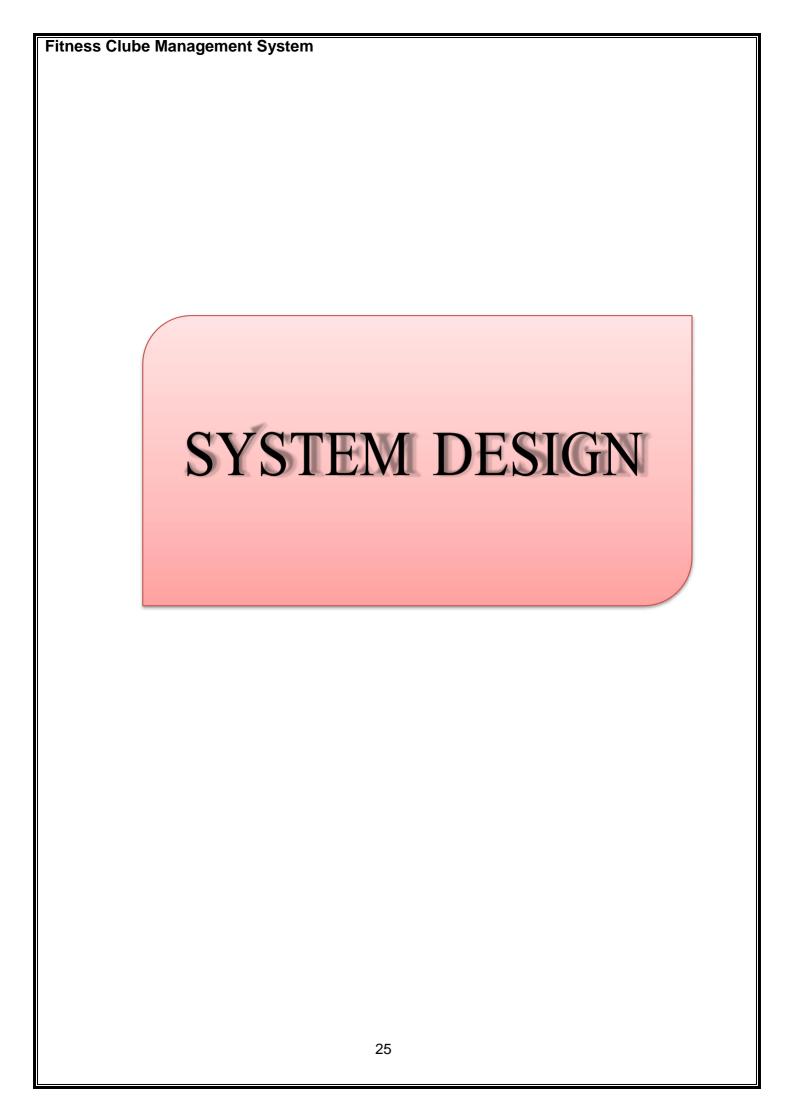






Data Flow Diagram(DFD)

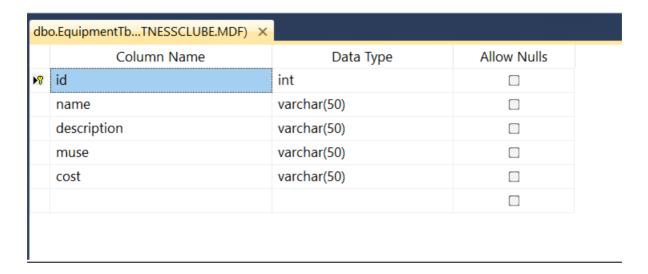




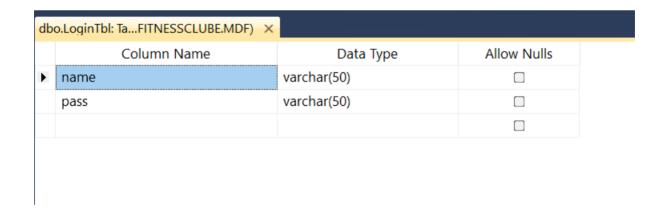
Fitness Clube Management System	
DATA DICTIONARY	
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> Data Dictionary

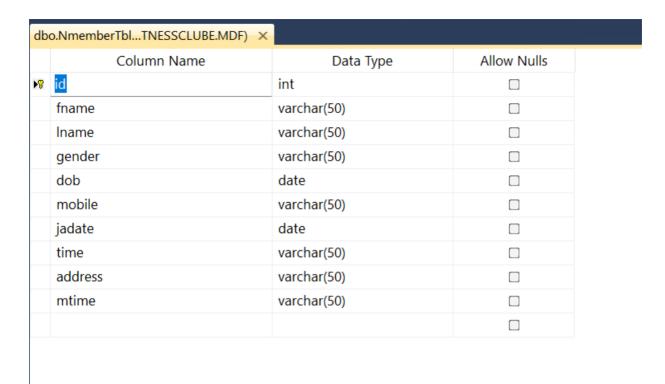
1) **Equipment_Details:**



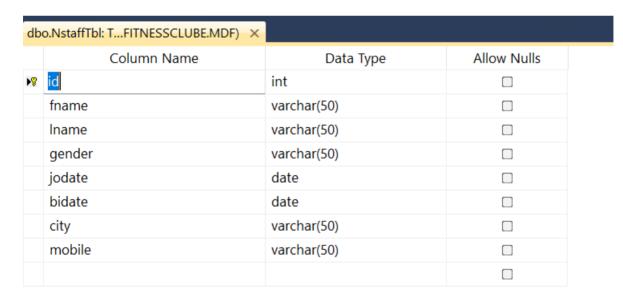
2)Login_Details:



3)New Member_Details:

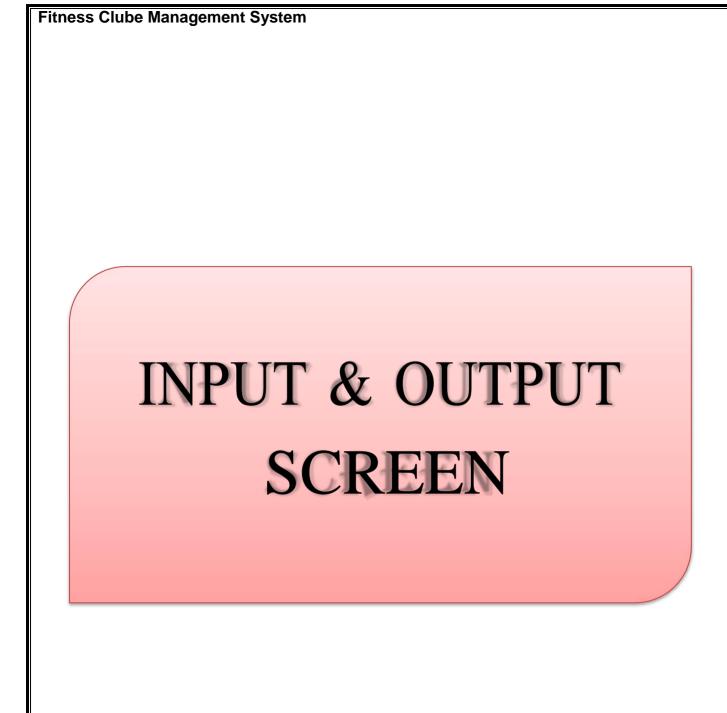


4)New Staff_Details:



5) Registation_Details:

db	o.RegisterTbl:FITNESSCLUBE.MDF) ×		
	Column Name	Data Type	Allow Nulls
₽Ÿ	id	int	
	name	varchar(50)	
	pass	varchar(50)	
	gender	varchar(50)	
	mobile	varchar(50)	
	address	varchar(50)	
	Rdate	date	



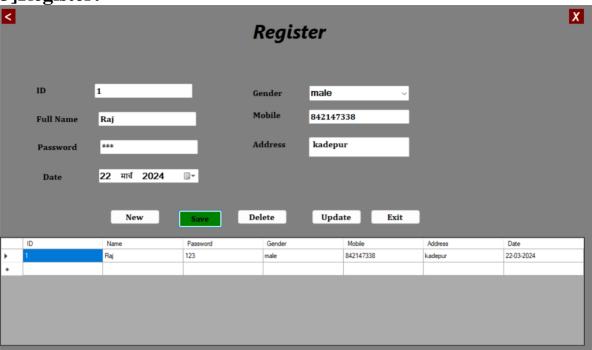
1]Login:



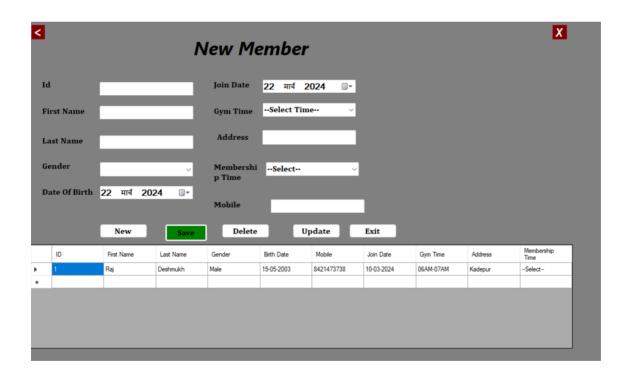
2]Main:



3]Register:



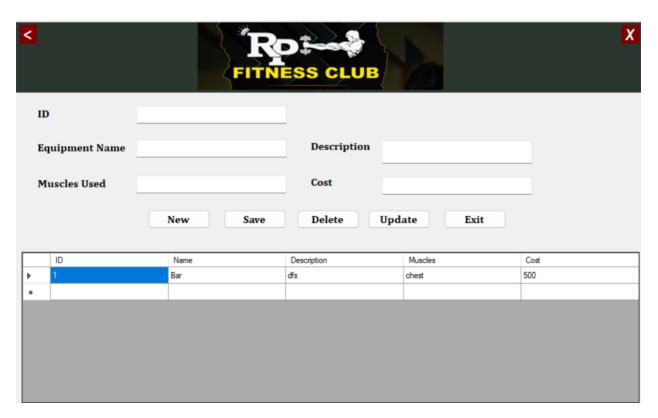
4]New Member:



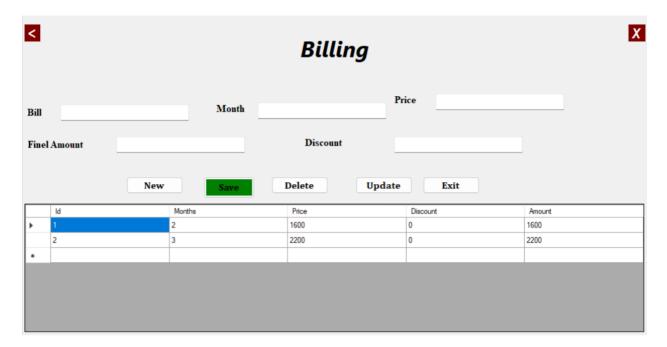
5]Staff:



5]Equipment Details:



6]Billing:



CODING

1]Login Form:

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Data.SqlClient;
using System.Drawing;
using System.Ling;
using System.Text;
using System. Windows. Forms;
namespace FITNESS_CLUB
  public partial class Login: Form
    private const string CorrectUsername = "raj";
    private const string CorrectPassword = "3738";
    public Login()
       InitializeComponent();
    private void Form1_Load(object sender, EventArgs e)
    private void label4_Click(object sender, EventArgs e)
       Application.Exit();
    private void button2_Click(object sender, EventArgs e)
       Register obj1 = new Register();
       obj1.Show();
       this.Hide();
    }
    private void button1_Click(object sender, EventArgs e)
       string enteredUsername = usernameTxt.Text;
       string enteredPassword = passwordTxt.Text;
```

```
Fitness Clube Management System
            if (IsValidUser(enteredUsername, enteredPassword))
              MessageBox.Show("Login successful!");
              // You can redirect to another form or perform other actions here
              Home obj = new Home();
              obj.Show();
              this.Hide();
            }
            else
              MessageBox.Show("Invalid username or password. Please try again.");
          private bool IsValidUser(string username, string password)
            // Check if the entered username and password match the correct ones
            return username == CorrectUsername && password == CorrectPassword;
          private void usernameTxt_TextChanged(object sender, EventArgs e)
          private void label3_Click(object sender, EventArgs e)
            2]Main Form:
     using System;
     using System.Collections.Generic;
     using System.ComponentModel;
     using System.Data;
     using System.Drawing;
     using System.Linq;
     using System.Text;
     using System. Windows. Forms;
     namespace FITNESS_CLUB
       public partial class Home: Form
          public Home()
            InitializeComponent();
```

```
Fitness Clube Management System
          }
          private void pictureBox1_Click(object sender, EventArgs e)
          }
          private void label4_Click(object sender, EventArgs e)
            Application.Exit();
          private void label1_Click(object sender, EventArgs e)
            Login obj = new Login();
            obj.Show();
            this.Hide();
          private void newMemberToolStripMenuItem Click(object sender, EventArgs e)
            Newmember obj = new Newmember();
            obj.Show();
            this.Hide();
          private void newStaffToolStripMenuItem_Click(object sender, EventArgs e)
            Newstaff obj = new Newstaff();
            obi.Show();
            this.Hide();
          private void equipmentToolStripMenuItem_Click(object sender, EventArgs e)
            Equipment obj = new Equipment();
            obj.Show();
            this.Hide();
          private void searchMemberToolStripMenuItem_Click(object sender, EventArgs e)
            Billing obj = new Billing();
            obj.Show();
            this.Hide();
          }
          private void deleteMemberToolStripMenuItem_Click(object sender, EventArgs e)
            Application.Exit();
```

Fitness Clube Management System private void updateMemberToolStripMenuItem_Click(object sender, EventArgs e) { private void panel1_Paint(object sender, PaintEventArgs e) { } } }

3) Equipment Form:

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Data.SqlClient;
using System.Drawing;
using System.Ling;
using System.Text;
using System. Windows. Forms;
namespace FITNESS_CLUB
  public partial class Equipment: Form
    CFile C=new CFile();
    public Equipment()
       InitializeComponent();
     void GetMaxId()
       idtxt.Text = C.GetAutoId("Select MAX(id)From EquipmentTbl").ToString();
    private void saveBtn_Click(object sender, EventArgs e)
       if (idtxt.Text!= "" && nametxt.Text!= "" && descriptionTxtb.Text!= "" && musetxt.Text!= "" &&
costTxtb.Text != "")
         C.ExecuteSqlQuery("insert into EquipmentTbl(id,name,description,muse,cost)values("" + idtxt Text
+ "',"" + nametxt.Text + "',"" + descriptionTxtb.Text + "',"" + musetxt.Text + "',""+costTxtb.Text+"")");
         C.fillgriddata(equiDG, "Select * from EquipmentTbl");
         MessageBox.Show("data saved succeessfully");
         newBtn.Focus();
       }
       else
         MessageBox.Show("First Fill All The Fields");
```

```
Fitness Clube Management System
         void DisplayGrid()
           try
             idtxt.Text = equiDG.SelectedRows[0].Cells["id"].Value.ToString();
             nametxt.Text = equiDG.SelectedRows[0].Cells["name"].Value.ToString();
             descriptionTxtb.Text = equiDG.SelectedRows[0].Cells["description"].Value.ToString();
             musetxt.Text = equiDG.SelectedRows[0].Cells["muse"].Value.ToString();
             costTxtb.Text = equiDG.SelectedRows[0].Cells["cost"].Value.ToString();
           }
           catch
         private void label5_Click(object sender, EventArgs e)
           Home obj = new Home();
           obj.Show();
           this.Hide();
         private void deleteBtn_Click(object sender, EventArgs e)
            if (MessageBox.Show("Do you want to delete record?", "Delete Record",
     MessageBoxButtons. YesNo, MessageBoxIcon. Warning) == DialogResult. Yes)
             C.ExecuteSqlQuery("Delete from EquipmentTbl where id="" + idtxt.Text + """);
             C.fillgriddata(equiDG, "select * from EquipmentTbl");
             MessageBox.Show("Data Deleted Successefully.....!");
         private void updateBtn_Click(object sender, EventArgs e)
           C.ExecuteSqlQuery("Update EquipmentTbl SET name="" + nametxt.Text + "',description="" +
     """);
           C.fillgriddata(equiDG, "select * from EquipmentTbl");
           MessageBox.Show("update successfully");
```

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Fitness Clube Management System } private void exitBtn_Click(object sender, EventArgs e) Application.Exit(); private void equiDG_MouseDoubleClick(object sender, MouseEventArgs e) DisplayGrid(); private void Equipment_Load(object sender, EventArgs e) C.fillgriddata(equiDG, "Select * from EquipmentTbl"); } private void newBtn_Click(object sender, EventArgs e) nametxt.Focus(); GetMaxId(); clrdata(); saveBtn.Enabled = true; void clrdata() nametxt.Clear(); descriptionTxtb.Clear(); musetxt.Clear(); costTxtb.Clear();

4)New Member Form:

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Data.SqlClient;
using System.Drawing;
using System.Ling;
using System.Text;
using System. Windows. Forms;
namespace FITNESS CLUB
  public partial class Newmember: Form
    CFile C = new CFile();
    public Newmember()
       InitializeComponent();
    void GetMaxId()
      idtxt.Text = C.GetAutoId("Select MAX(id)From NmemberTbl").ToString();
    private void Newmember_Load(object sender, EventArgs e)
       C.fillgriddata(memberDG, "Select * from NmemberTbl");
    private void saveBtn_Click(object sender, EventArgs e)
       if (idtxt.Text!= "" && idtxt.Text!= "" && firstnameTxt.Text!= "" && lastnameTxt.Text = ""
&& genderCmb.Text!= ""&& bdate.Text !="" && mobileTxt.Text !="" && jdate.Text !="" &&
gymtimeCmb.Text !="" && addressTxt.Text !="" && membershiptimeCmb.Text != "" )
         C.ExecuteSqlQuery("insert into
NmemberTbl(id,fname,lname,gender,dob,mobile,jadate,time,address,mtime)values('" + idtxt.Tex +
"'," + firstnameTxt.Text + "'," + lastnameTxt.Text + "'," + genderCmb.Text + "'," +
bdate.Value.ToString("MM/dd/yyyy") + "',"" + mobileTxt.Text + "',"" +
idate.Value.ToString("MM/dd/yyyy") +
"',"'+gymtimeCmb.Text+"',"'+addressTxt.Text+"',"'+membershiptimeCmb.Text+"')");
         C.fillgriddata(memberDG, "Select * from NmemberTbl");
         MessageBox.Show("data saved succeessfully");
```

```
Fitness Clube Management System
                   else
                     MessageBox.Show("First Fill All The Fields");
                 }
                 public void DisplayGrid()
                   try
                     idtxt.Text = memberDG.SelectedRows[0].Cells["id"].Value.ToString();
                     firstnameTxt.Text = memberDG.SelectedRows[0].Cells["fname"].Value.ToString();
                     lastnameTxt.Text = memberDG.SelectedRows[0].Cells["lname"].Value.ToString();
                     genderCmb.Text = memberDG.SelectedRows[0].Cells["gender"].Value.ToString();
                     bdate.Value = DateTime.Parse(memberDG.SelectedRows[0].Cells["dob"].Value.ToStrilg());
                     mobileTxt.Text = memberDG.SelectedRows[0].Cells["mobile"].Value.ToString();
                     idate.Value =
            DateTime.Parse(memberDG.SelectedRows[0].Cells["jadate"].Value.ToString());
                     gymtimeCmb.Text = memberDG.SelectedRows[0].Cells["time"].Value.ToString();
                     addressTxt.Text = memberDG.SelectedRows[0].Cells["address"].Value.ToString();
                     memberDG.Text = memberDG.SelectedRows[0].Cells["mtime"].Value.ToString();
                   catch
                 private void label12_Click(object sender, EventArgs e)
                   Application.Exit();
                 private void label13_Click(object sender, EventArgs e)
                   Home obj = new Home();
                   obj.Show();
                   this.Hide();
                 private void resetBtn_Click(object sender, EventArgs e)
                 private void newBtn_Click(object sender, EventArgs e)
                   firstnameTxt.Focus();
                   GetMaxId();
                   clrdata();
                                               43
```

```
Fitness Clube Management System
                   saveBtn.Enabled = true;
                 }
                 void clrdata()
                   firstnameTxt.Clear():
                   lastnameTxt.Clear();
                   genderCmb.SelectedIndex = -1;
                   mobileTxt.Clear();
                   gymtimeCmb.SelectedIndex = -1;
                   addressTxt.Clear();
                   membershiptimeCmb.SelectedIndex = -1;
                 private void deleteBtn Click(object sender, EventArgs e)
                   if (MessageBox.Show("Do you want to delete record?", "Delete Record",
            MessageBoxButtons.YesNo, MessageBoxIcon.Warning) == DialogResult.Yes)
                     C.ExecuteSqlQuery("Delete from NmemberTbl where id="" + idtxt.Text + """);
                     C.fillgriddata(memberDG, "select * from NmemberTbl");
                     MessageBox.Show("Data Deleted Successefully.....!");
                 private void updateBtn_Click(object sender, EventArgs e)
                   C.ExecuteSqlQuery("Update NmemberTbl SET fname="" + firstnameTxt.Text + ""
            ,lname="" + lastnameTxt.Text + "',gender="" + genderCmb.Text + "',dob="" +
            bdate.Value.ToString("MM/dd/yyyy") +
            "',mobile="'+mobileTxt.Text+"',jadate="'+jdate.Value.ToString("MM/dd/yyyy")
            +"',time=""+gymtimeCmb.Text+"',address=""+addressTxt.Text+"',mtime=""+
            membershiptimeCmb.Text+"'where id="" + idtxt.Text + """);
                   C.fillgriddata(memberDG, "select * from NmemberTbl");
                   MessageBox.Show("update successfully");
                 private void exitBtn_Click(object sender, EventArgs e)
                   Application.Exit();
                 private void memberDG_MouseDoubleClick(object sender, MouseEventArgs e)
                   DisplayGrid();
```

5) Customer Details Form:

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Ling;
using System.Text;
using System. Windows. Forms;
namespace Petroleum_Management_System
  public partial class Customer_Details: Form
    ClassFile CF = new ClassFile();
    public Customer_Details()
       InitializeComponent();
    void GetMaxId()
      idtxt.Text = CF.GetAutoId("Select MAX(Cid)From CustomerdTbl").ToString();
    private void accountDtgv_CellContentClick(object sender, DataGridViewCellEventArgs e)
    void clrdata()
      nametxt.Clear();
       addressstxt.Clear();
      citytxt.Clear();
       statetxt.Clear();
       pintxt.Clear();
      mobtxt.Clear();
    private void saveBtn_Click(object sender, EventArgs e)
      if (idtxt.Text != "" && nametxt.Text != "" && addressstxt.Text != "" && citytxt.Text !=
```

```
Fitness Clube Management System
            && statetxt.Text != "" && pintxt.Text != "" && mobtxt.Text != "")
                      CF.ExecuteSqlOuery("Insert into
            CustomerdTbl(Cid,Cname,Caddress,Ccity,Cstate,Cpin,Cmob)values(" + idtxt.Text + "," +
            nametxt.Text + "',"" + addressstxt.Text + "',"" + citytxt.Text + "',"" + statetxt.Text + "',"" +
            pintxt.Text + "'," + mobtxt.Text + "')");
                      CF.fillgriddata(customerDtgv, "Select * from CustomerdTbl");
                      MessageBox.Show("data saved succeessfully");
                      clrdata();
                      newBtn.Focus();
                    }
                    else
                      MessageBox.Show("First Fill All The Fields");
                 //Display data for datagridview Code
                 void DisplayGrid()
                    try
                     idtxt.Text = customerDtgv.SelectedRows[0].Cells["Cid"].Value.ToString();
                      nametxt.Text = customerDtgv.SelectedRows[0].Cells["Cname"].Value.ToString();
                      addressstxt.Text = customerDtgv.SelectedRows[0].Cells["Caddress"].Value.ToString()
                      citytxt.Text = customerDtgv.SelectedRows[0].Cells["Ccity"].Value.ToString();
                      statetxt.Text = customerDtgv.SelectedRows[0].Cells["Cstate"].Value.ToString();
                      pintxt.Text = customerDtgv.SelectedRows[0].Cells["Cpin"].Value.ToString();
                      mobtxt.Text = customerDtgv.SelectedRows[0].Cells["Cmob"].Value.ToString();
                    }
                    catch
                 private void updateBtn_Click(object sender, EventArgs e)
                    CF.ExecuteSqlQuery("Update CustomerdTbl SET Cname="" + nametxt.Text + ",
                  Caddress="" +addressstxt.Text + "',Ccity="" + citytxt.Text + "',Cstate="" + statetxt.Text + "',
                    Cpin="" + pintxt.Text + "',Cmob=""+mobtxt.Text+""where Cid="" +idtxt.Text + """);
                    CF.fillgriddata(customerDtgv, "select * from CustomerdTbl");
                    MessageBox.Show("update successfully");
                 private void deleteBtn_Click(object sender, EventArgs e)
                    if (MessageBox.Show("Do you want to delete record?", "Delete Record",
            MessageBoxButtons.YesNo, MessageBoxIcon.Warning) == DialogResult.Yes)
```

```
Fitness Clube Management System
                      CF.ExecuteSqlQuery("Delete from CustomerdTbl where Cid="" + idtxt.Text + """);
                      CF.fillgriddata(customerDtgv, "select * from CustomerdTbl");
                      clrdata();
                      MessageBox.Show("Data Deleted Successefully.....!");
                 private void exitBtn_Click(object sender, EventArgs e)
                   Application.Exit();
                 private void newBtn_Click(object sender, EventArgs e)
                   nametxt.Focus();
                   GetMaxId();
                   saveBtn.Enabled = true;
                 private void pictureBox1_Click(object sender, EventArgs e)
                   Home obj = new Home();
                   obj.Show();
                   this.Hide();
                 private void pictureBox2_Click(object sender, EventArgs e)
                   Application.Exit();
                 private void Customer_Details_Load(object sender, EventArgs e)
```

6)New Staff Form:

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Data.SqlClient;
using System.Drawing;
using System.Ling;
using System.Text;
using System. Windows. Forms;
namespace FITNESS_CLUB
  public partial class Newstaff: Form
    CFile C = new CFile();
    public Newstaff()
       InitializeComponent();
    void GetMaxId()
      idtxt.Text = C.GetAutoId("Select MAX(id)From NstaffTbl").ToString();
    private void Newstaff_Load(object sender, EventArgs e)
       C.fillgriddata(staffDG, "Select * from NstaffTbl");
    private void label11_Click(object sender, EventArgs e)
       Application.Exit();
    private void label12_Click(object sender, EventArgs e)
       Home obj = new Home();
       obj.Show();
       this.Hide();
    private void saveBtn_Click(object sender, EventArgs e)
    private void newBtn_Click(object sender, EventArgs e)
       firstnameTxt.Focus();
```

```
Fitness Clube Management System
                    GetMaxId();
                    clrdata();
                    saveBtn.Enabled = true:
                 void clrdata()
                    firstnameTxt.Clear();
                    lastnameTxt.Clear();
                    genderCmb.SelectedIndex = -1;
                    mobileTxt.Clear();
                    cityTxt.Clear();
                 }
                 private void saveBtn_Click_1(object sender, EventArgs e)
                   if (idtxt.Text!= "" && idtxt.Text!= "" && firstnameTxt.Text!= "" && lastnameTxt.
            Text != "" && genderCmb.Text!= "" && jdate.Text != "" && mobileTxt.Text != "" && bdate.
            Text !="" && cityTxt.Text!="" && mobileTxt.Text != "" )
                      C.ExecuteSqlQuery("insert into
            NstaffTbl(id,fname,lname,gender,jodate,bidate,city,mobile)values("" + idtxt.Text + "","" +
            firstnameTxt.Text + "',"" + lastnameTxt.Text + "',"" + genderCmb.Text + "',"" +
            jdate.Value.ToString("MM/dd/yyyy") + "',"" + bdate.Value.ToString("MM/dd/yyyy") + "',"" +
            cityTxt.Text + "'," + mobileTxt.Text + "')");
                      C.fillgriddata(staffDG, "Select * from NstaffTbl");
                      MessageBox.Show("data saved succeessfully");
                    }
                    else
                      MessageBox.Show("First Fill All The Fields");
                 public void DisplayGrid()
                    try
                      idtxt.Text = staffDG.SelectedRows[0].Cells["id"].Value.ToString();
                      firstnameTxt.Text = staffDG.SelectedRows[0].Cells["fname"].Value.ToString();
                      lastnameTxt.Text = staffDG.SelectedRows[0].Cells["lname"].Value.ToString();
                      genderCmb.Text = staffDG.SelectedRows[0].Cells["gender"].Value.ToString();
```

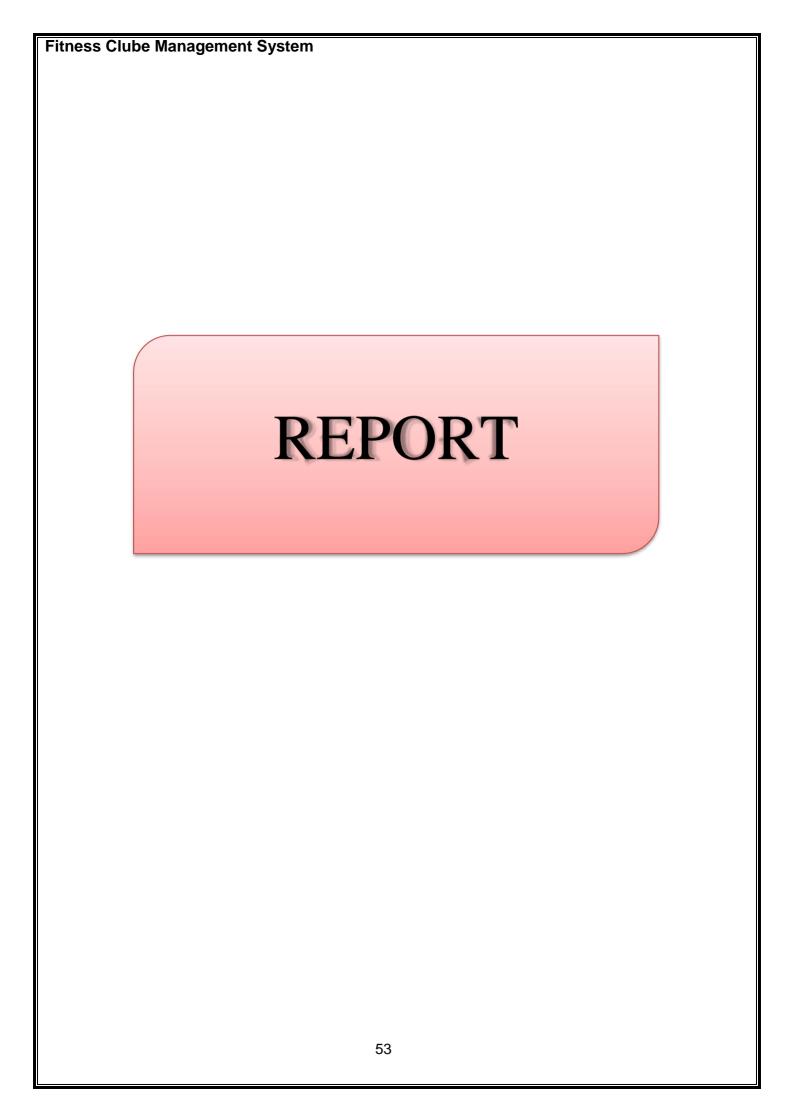
```
Fitness Clube Management System
                      jdate.Value = DateTime.Parse(staffDG.SelectedRows[0].Cells["jodate"].Value.
                    ToString());
                      bdate. Value = DateTime. Parse(staffDG. SelectedRows[0]. Cells["bidate"]. Value.
                    ToString());
                      cityTxt.Text = staffDG.SelectedRows[0].Cells["city"].Value.ToString();
                      mobileTxt.Text = staffDG.SelectedRows[0].Cells["mobile"].Value.ToString();
                    catch
                 private void deleteBtn Click(object sender, EventArgs e)
                    if (MessageBox.Show("Do you want to delete record?", "Delete Record",
             MessageBoxButtons. YesNo, MessageBoxIcon. Warning) == DialogResult. Yes)
                      C.ExecuteSqlQuery("Delete from NstaffTbl where id="" + idtxt.Text + """);
                      C.fillgriddata(staffDG, "select * from NstaffTbl");
                      MessageBox.Show("Data Deleted Successefully.....!");
                 private void updateBtn_Click(object sender, EventArgs e)
                    C.ExecuteSqlQuery("Update NstaffTbl SET fname="" + firstnameTxt.Text + "',lname=""
            lastnameTxt.Text + "',gender="" + genderCmb.Text + "',jodate="" +
            jdate.Value.ToString("MM/dd/yyyy") + "',bidate="" + bdate.Value.ToString("MM/dd/yyyy") +
            "',city="" + cityTxt.Text + "',mobile="" + mobileTxt.Text + "'where id="" + idtxt.Text + """);
                    C.fillgriddata(staffDG, "select * from NstaffTbl");
                    MessageBox.Show("update successfully");
                 private void exitBtn Click(object sender, EventArgs e)
                    Application.Exit();
                 private void staffDG_MouseDoubleClick(object sender, MouseEventArgs e)
                    DisplayGrid();
                                                 50
```

}

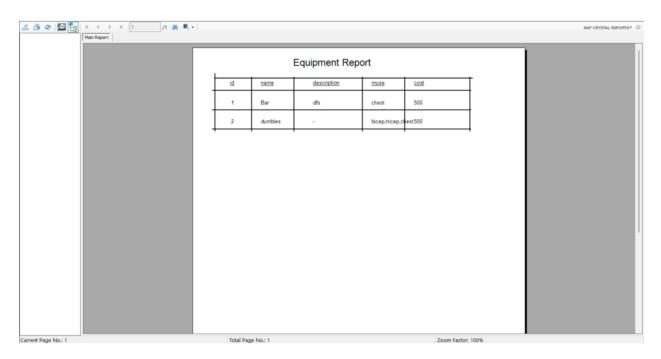
7)Register Form:

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Data.SqlClient;
using System.Drawing;
using System.Ling;
using System.Text;
using System. Windows. Forms;
namespace FITNESS_CLUB
  public partial class Register: Form
    CFile C = new CFile();
    public Register()
       InitializeComponent();
    void GetMaxId()
       idtxt.Text = C.GetAutoId("Select MAX(id)From RegisterTbl").ToString();
    private void button2_Click(object sender, EventArgs e)
    private void registerBtn_Click(object sender, EventArgs e)
    private void label10_Click(object sender, EventArgs e)
       Application.Exit();
    private void label11_Click(object sender, EventArgs e)
       Home obj = new Home();
       obj.Show();
       this.Hide();
```

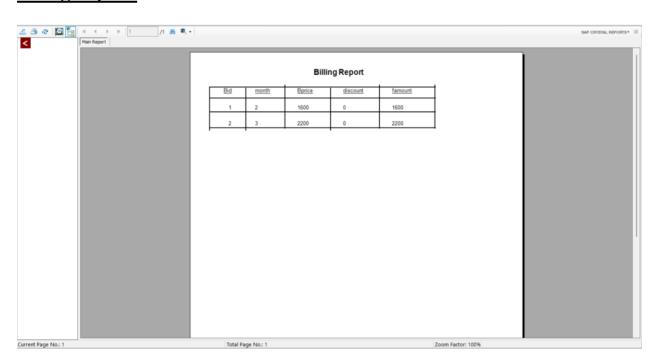
```
Fitness Clube Management System
                 private void newBtn Click(object sender, EventArgs e)
                    fullnameTxt.Focus();
                    GetMaxId();
                    clrdata();
                    saveBtn.Enabled = true;
                 void clrdata()
                    fullnameTxt.Clear();
                    passwordTxt.Clear();
                    genderCmb.SelectedIndex = -1;
                    mobileTxt.Clear();
                    addressTxt.Clear();
                 private void saveBtn Click(object sender, EventArgs e)
                   if ( idtxt.Text != "" && fullnameTxt.Text != "" && passwordTxt.Text != "" &&
             genderCmb.Text != "" && mobileTxt.Text != "" && addressTxt.Text != "" )
                      C.ExecuteSqlQuery("insert into
             RegisterTbl(id,name,pass,gender,mobile,address,Rdate)values(" + idtxt.Text + "'," +
            fullnameTxt.Text + "'," + passwordTxt.Text + "'," + genderCmb.Text + "'," + mobileTxt.Text +
             "',"" + addressTxt.Text + "',"" + date.Value.ToString("MM/dd/yyyy") + "')");
                      C.fillgriddata(registerdtgv, "Select * from RegisterTbl");
                      MessageBox.Show("data saved succeessfully");
                    }
                    else
                      MessageBox.Show("First Fill All The Fields");
                 private void Register_Load(object sender, EventArgs e)
```



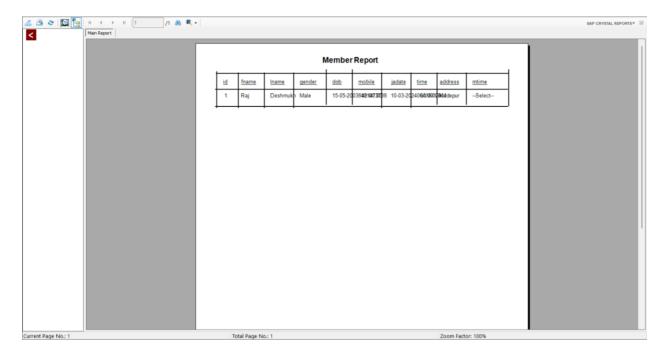
Equipment Report:



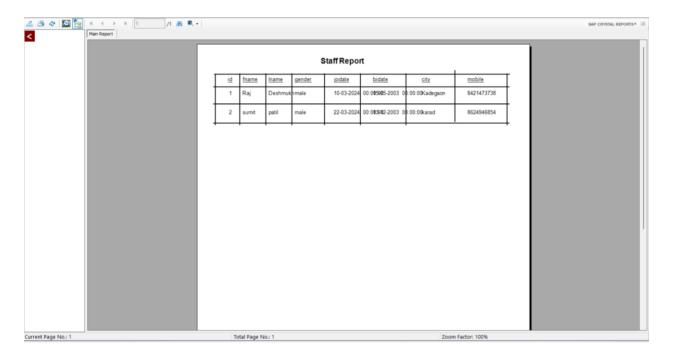
Billing Report:



Member Report:



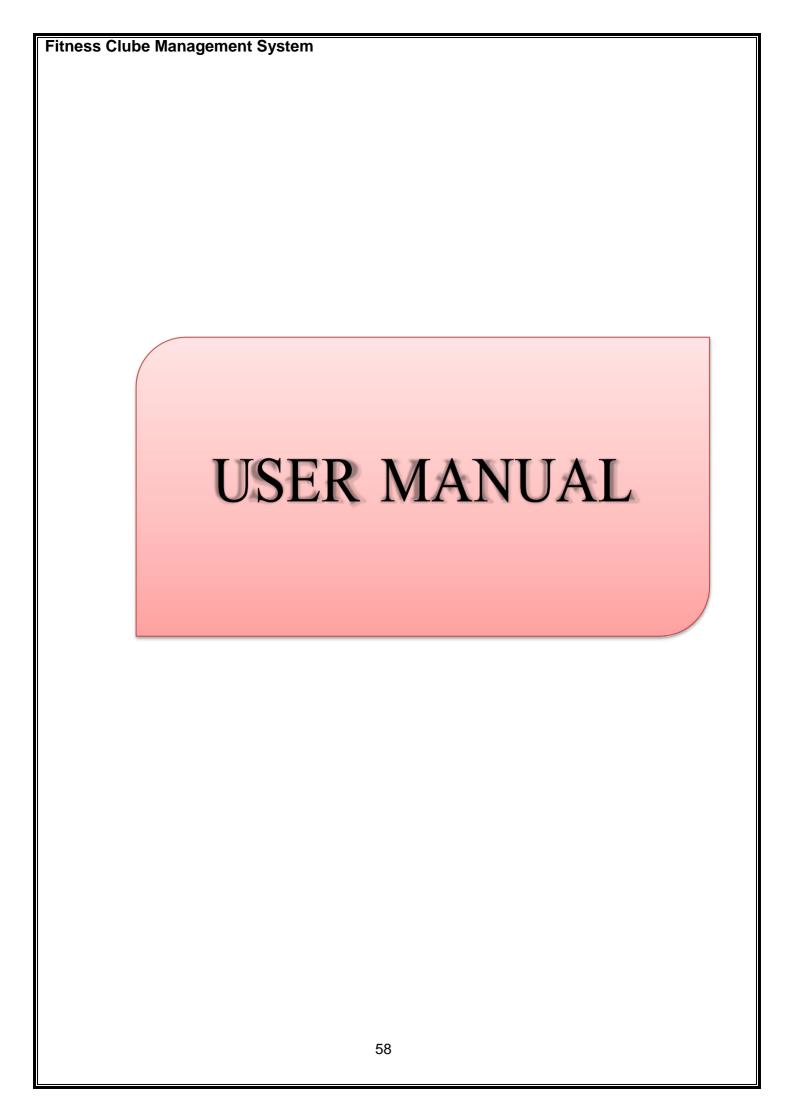
Staff Report:



Fitness Clube Management System	
LIMITATIONS	

> Limitaion of System

- 1) No Record is deleted it cannot be recovered.
- 2) This System is only Supported by Microsoft Visual Studio Software.
- 3) It is Single User System.
- 4) Recovering of records is not enabled.



> USER MANUAL

User Manual: -

First when user visit to a Software You will find following menus.

- > Login
- > Home Form

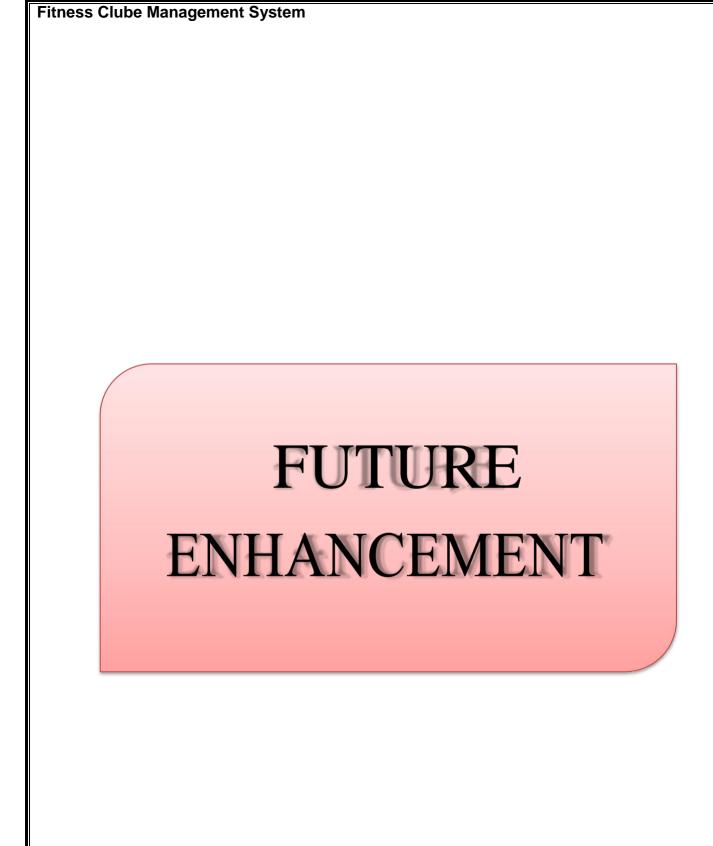
This is the First page of Software

> Login

In This Form we Show all Detail about User

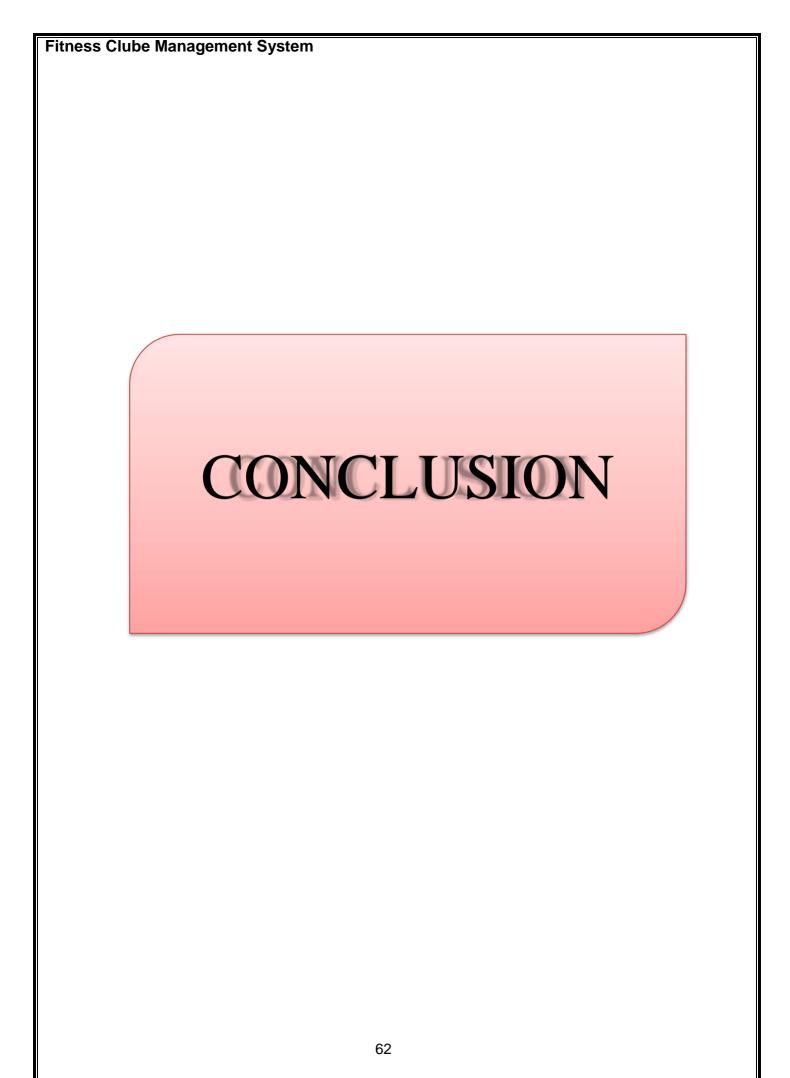
Login After Login You will find following menus.

- > Home Form
- > Register Form
- > New Member Details Form
- > New Staff Details Form
- > Equipment Details Form
- > BillingDetails Form



> Future Enhancement

- 1. In future try to go ERP (Enterprise Recourse Planning) System.
- 2. If there is any problem to operate on software there will be help provided to overcome the problems.
- 3. It is not sure but in future it will be developed for multiuser purpose.
- 4. We will also try to generate the report supporting to Managerial Decision making system.



Conclusion

Finally, we can conclude that the system we had developed will eliminate the existing system's drawbacks and limitations to maximum extent. And provide the user with a product of high quality, standard sand excellence. Hence, it will be very profitable to the and satisfaction will also be achieved because the delay and in convenience caused due to existing system will be eliminated.

During the project, we followed all principles of System Analysis and Design. We want through all the stages of Software Development Life Cycle i.e. starting with Requirement Analysis till Final Implementation of the Software.

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Fitness Clube Management System		
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