

TATA STEEL

SNTI

PROJECT ON

**WEB DEVELOPMENT
USING MYSQL DBMS
ASP.NET C#
FRAMEWORK**

PREPARED BY:-

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STATEMENT OF THE CANDIDATE

I hereby declare that this report contains literature survey and original research work.

All information in this document has been obtained and presented in accordance with academic rules and ethical conduct.

I also declare that, as required by these rules and conduct, I have fully cited and referenced all materials and results that are not original to this work.

Name: SNEHA KUMARI

Reference Number: VT20220120



ACKNOWLEDGEMENT

I, Sneha Kumari, VT20220120, would like to express my gratitude to my guide, [Mr. Amit Kumar Tiwary](#), my mentor, [Mrs. Suman Kumari](#), and my sponsor, [Mr. Arun Kumar](#), for allowing me to work on this project on "Web development using MYSQL DBMS ASP.NET C# FRAMEWORK" and for all of their assistance and guidance that enabled me to complete this project successfully. Finally, I'd like to express my gratitude to Tata Steel for providing this interesting internship opportunity for students like me to get industrial experience in a systematic manner.

Name: SNEHA KUMARI

Reference Number: VT20220120



Introduction

This project “web development using MYSQL DBMS ASP.NET C# FRAMEWORK” is a website development project that deals with the student feedback submission system for internships of Tata Steel (TATA PRASHIKSHAN). The project is in the form of a website where a user can login with their user id and password present in the Tata Steel database and fill their feedback through a form which is stored in the Tata Steel database, displaying a success message upon successfully submitting the form. This website contains 5 web-pages: trainee-login, trainee-details, trainee-update-details, new trainee-registration and feedback page.



Softwares used

This project has been developed using *MICROSOFT VISUAL STUDIO IDE* with the asp.net framework and MYSQL for database connectivity. The forms have been created using web form provided by asp.net framework and Relevant database tables have been created in an MYSQL Database.

Microsoft visual studio IDE:

Microsoft Visual Studio is an integrated development environment (IDE) from Microsoft. It is used to develop computer programs, as well as websites, web apps, web services and mobile apps. Visual Studio uses Microsoft software development platforms such as Windows API, Windows Forms, Windows Presentation Foundation, Windows Store and Microsoft Silverlight. It can produce both native code and managed code.

ASP.NET FRAMEWORK

ASP.NET is a free web framework for building great websites and web applications using HTML, CSS, and JavaScript. You can also create Web APIs and use real-time technologies like Web Sockets.

ASP.NET is a part of Microsoft .Net platform. ASP.NET applications are compiled codes, written using the extensible and reusable components or objects present in .Net framework. These codes can use the entire

hierarchy of classes in .Net framework. The ASP.NET applications can be written in different languages like c#, Visual Basic.Net, Jscript, j#.

I've used C# for building it.

C#:-

C# (pronounced "See Sharp") is a modern, object-oriented, and type-safe programming language. C# enables developers to build many types of secure and robust applications that run in .NET. C# has its roots in the C family of languages and will be immediately familiar to C, C++, Java, and JavaScript programmers. This tour provides an overview of the major components of the language in C# 8 and earlier. If you want to explore the language through interactive examples, try the introduction to C# tutorials.

C# is an object-oriented, component-oriented programming language. C# provides language constructs to directly support these concepts, making C# a natural language in which to create and use software components. Since its origin, C# has added features to support new workloads and emerging software design practices. At its core, C# is an object-oriented language. You define types and their behaviour.



Implementation

This web application for the training feedback system consists of 5 pages in trainee section written using c# in asp.net framework.

- **Trainee login page**

A login form through which user can log in to the feedback Portal by enter their username and password. If the User ID or Password does not match any of those in the database, then the login fails, and a message “Invalid credentials” is displayed.

- **New Trainee Registration page**

The New Registration page contains the registration form and has input fields for Reference_Number, Name, Discipline, Branch, DOB, mobile_no , email , guide_pno ,guide_name, project_title , college_name in the form of textboxes and drop-down lists and all are required to be filled. Upon completing filling the form, it can be submitted by clicking the submit button.

- **Profile section**

Trainee can reach this page only after successful login in the Trainee login page. Here they can view their data which they have entered in while registering for the first time using new trainee registration page. This section will also have a button which will direct them to the main page that is feedback page or the Edit Trainee Details page. It also contains a link button that re-directs to the home page.

● Edit Trainee Details

Trainee can reach this page only after successful login in the Trainee login page and reaching their Profile section. In the profile section, they can click on Edit Details button to land at this page if they want to make some changes to their profile data. However, Trainees are not allowed to edit their Reference number. They can edit rest data and click on submit.

● Feedback page

This is the main section of this website. Here Trainee can give their feedback about the whole training period. This contains questions regarding like "Overall, how valuable was the training?", "Instructor was clear and approachable?", "After the training, how inspired, experienced did you feel?" and "Do you think the training provided value for money/time?". For each question there are 5 radio buttons with options ranging from "worse" to "fantastic". After selecting each question one can click on submit button to submit the details.



Database Description

Three relevant data tables have been created as follows:

1. admin_login
2. trainee_master
3. feedback

These tables are used for retrieval and storage of data from SNTI TATA's website for the intern trainees. The web-page has been created using C# ASP.NET network and backend is connected with MYSQL server as database manager. Hence all the new registration details of a trainee is stored in trainee_master and admin-login is done using the admin_login table while the feedback options filled by trainee-masters is stored in the feedback table.

```
mysql> use shubham_sneha_snti;
Database changed
mysql> show tables
-> ;
+-----+
| Tables_in_shubham_sneha_snti |
+-----+
| admin_login                    |
| dummy                         |
| feedback                      |
| trainee_master                |
+-----+
4 rows in set (0.00 sec)
```

Fig. Showing the three main tables(dummy table was created just for an example)

Features of each table are as follows:

1. admin_login

This table stores the id-password for admin login page on SNTI TATA's website. Whenever a user enters the id-password for login, it is matched with this table, if no such user exists, it prompts for new user registration, else invalid credentials.

Columns:

- **Personal_Number** : This is the unique employee id that is to be used in login pages validation.
- **Password** : This password set by the employees in their first registration is stored and used later for login validation.

```
mysql> desc admin_login;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Personal_Number | varchar(10)   | YES  |     | NULL    |       |
| Password       | varchar(10)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)
```

Fig. admin_login description

2. Feedback

This table stores the feedback data received from the trainees through the SNTI Feedback Form available on its website. When trainees finish their internship at TATA, they need to fill this feedback form grading their experience of the intern and also giving some remarks and suggestions to them.

Columns:

- **Reference_Number** : This is the unique reference id given to each trainee (SNTI internship trainee).
- **Feed1**: On the feedback form on the website of snti TATA, answer to feedback question 1 by the respective trainee(reference number)is stored here.
- **Feed2**: On the feedback form on the website of snti TATA, answer to feedback question 2 by the respective trainee(reference number)is stored here.
- **Feed3**: On the feedback form on the website of snti TATA, answer to feedback question 3 by the respective trainee(reference number)is stored here.

- Feed4: On the feedback form on the website of snti TATA, answer to feedback question 4 by the respective trainee(reference number)is stored here.
- Remarks_Suggestion: On the feedback form on the website of snti TATA, answer to Remarks & Suggestions given by the respective trainee(reference number)is stored here.

```
mysql> use shubham_sneha_snti;
Database changed
mysql> desc feedback;
```

Field	Type	Null	Key	Default	Extra
Reference_Number	varchar(20)	YES	MUL	NULL	
Feed1	varchar(10)	YES		NULL	
Feed2	varchar(10)	YES		NULL	
Feed3	varchar(10)	YES		NULL	
Feed4	varchar(10)	YES		NULL	
Remarks_Suggestion	varchar(250)	YES		NULL	

```
6 rows in set (0.08 sec)
```

Fig. Feedback description

3. Trainee_master

This table stores all the data of the trainees regarding their name, discipline, branch, mobile no., email-id, college and guide details allotted to them.

Columns:

- **Reference_Number:** This is the unique reference id given to each trainee (SNTI internship trainee).
- **Name:** The name of the trainee.
- **Discipline:** Discipline of the trainee.
- **Branch:** Branch of the trainee.
- **Mobile_no:** Mobile no. of the trainee
- **Email:** Email-id of the trainee.
- **Guide_PNo:** Personal Number of the guide allotted to the trainee.
- **Guide_Name:** Name of the guide allotted to the trainee.
- **Project_Title:** Project chosen by the trainee with approval from the guide.

- College_Name: Current college of the trainee.

```
mysql> desc trainee_master;
```

Field	Type	Null	Key	Default	Extra
Reference_Number	varchar(20)	NO	PRI	NULL	
Name	varchar(100)	YES		NULL	
Discipline	varchar(50)	YES		NULL	
Branch	varchar(50)	YES		NULL	
Mobile_no	bigint	YES		NULL	
Email	varchar(100)	YES		NULL	
Guide_PNo	bigint	YES		NULL	
Guide_Name	varchar(50)	YES		NULL	
Project_title	varchar(250)	YES		NULL	
College_Name	varchar(100)	YES		NULL	

10 rows in set (0.00 sec)

Fig. trainee_master description

Initially inserted values:

1. admin_login table ->

```
mysql> select * from admin_login;
```

Personal_Number	Password
1000	4656
2000	4656
2500	4656
2560	4656

4 rows in set (0.00 sec)

Fig. Showing initially inserted values in admin_login table through 'select' command

2. trainee_master table->

```
mysql> select * from trainee_master;
```

Reference_Number	Name	Discipline	Branch	Mobile_no	Email	Guide_PNo	Guide_Name	Project_title	College_Name
1000	SNEHA KUMARI	M.Tech	Industrial and Systems Engineering	9687743875	snehakumari.sk7@gmail.com	221610	Suman mam	Frontend Development	IIT KHARAGPUR
2000	SNEHA KUMARI	B.Tech	Computer Science & Engineering	4656	snehakumari.sk7@gmail.com	546	Amit sir	sdfprt	IIT KHARAGPUR
2500	SNEHA KUMARI	B.Tech	Computer Science & Engineering	4656	snehakumari.sk7@gmail.com	546	efe	sdfprt	dsf
2560	SNEHA KUMARI	B.Tech	Computer Science & Engineering	4656	snehakumari.sk7@gmail.com	546	efe	sdfprt	dsf

5 rows in set (0.00 sec)

Fig. Showing initially inserted values in trainee_master table through 'select' command

3. feedback table ->

```
mysql> select * from feedback;
```

Reference_Number	Feed1	Feed2	Feed3	Feed4	Remarks_Suggestion
1000	good	good	good	good	
2000	good	bad	good	good	
2500	good	bad	bad	good	
2560	good	bad	bad	good	very hardworking

4 rows in set (0.00 sec)

Fig. Showing initially inserted values in feedback table through 'select' command

MySQL

INSERT
`INSERT INTO table (col1, col2) VALUES ('val1', 'val2')`

SELECT
`SELECT * FROM table WHERE col1 = 'val1' AND col2 = 'val2'`

UPDATE
`UPDATE table SET col1 = 'val1', col2 = 'val2' WHERE col3 = 'val1'`

DELETE
`DELETE FROM table WHERE col1 = 'val1'`

1. Initially the data was inserted using the insert command as follows:

```
INSERT INTO table_name (column1, column2, column3, ...)
VALUES (value1, value2, value3, ...);
```

2. Any update in the inserted data was also done manually using update command as follows:

```
UPDATE table_name
SET column1 = value1, column2 = value2, ...
WHERE condition;
```

3. Deletion of a row was done using delete command as follows:

```
DELETE FROM table_name WHERE condition;
```

While,

4. Selection of data(query) was done using 'select' command as follows:

```
SELECT column1, column2, ...
FROM table_name;
```

Or in case all values need to be queried:

```
SELECT * FROM table_name;
```

After manual operations on the database file created, this database was attached to the server side of the SNTI TATA website using proper database connection libraries/drivers and then all these queries were done on the server side coding files. Hence, to facilitate ease in search of data, I created procedures to easily retrieve relevant data. The three procedures created were:

- a. GetInfo(ref)
- b. GetAllInfo()
- c. GetDiscipline(ref)

Procedures created using CREATE method:

1.GetInfo(ref)

```
mysql> SHOW CREATE PROCEDURE GetInfo;
+-----+-----+-----+-----+
| Procedure | sql_mode | Create Procedure | character_set_client | collation_connection | Database Collation |
+-----+-----+-----+-----+
| GetInfo | STRICT_TRANS_TABLES,NO_ENGINE_SUBSTITUTION | CREATE DEFINER=`root`@`localhost` PROCEDURE `GetInfo`(IN ref varchar(20))
begin
select * from trainee_master,Feedback where (trainee_master.Reference_Number=ref and Feedback.Reference_Number=ref);
end | cp850 | cp850_general_ci | utf8mb4_0900_ai_ci |
+-----+-----+-----+-----+
1 row in set (0.01 sec)
```

Fig. GetInfo(Ref)

This procedure can be called on for a particular reference number for which complete information is to be extracted.

It has only one argument : Reference Number

It finds out all field values of both trainee_master and feedback table for the particular reference number and displays it in a tabular form.

2. GetAllInfo

```
mysql> SHOW CREATE PROCEDURE GetAllInfo;
+-----+-----+-----+-----+
| Procedure | sql_mode | Create Procedure | character_set_client | collation_connection | Database Collation |
+-----+-----+-----+-----+
| GetAllInfo | STRICT_TRANS_TABLES,NO_ENGINE_SUBSTITUTION | CREATE DEFINER=`root`@`localhost` PROCEDURE `GetAllInfo`()
begin
select * from trainee_master,Feedback where trainee_master.Reference_Number=Feedback.Reference_Number;
end | cp850 | cp850_general_ci | utf8mb4_0900_ai_ci |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

Fig. GetAllInfo()

This procedure can be called in a case the working personnel wants to extract information about all the registered trainee masters.

It displays all the data of the trainee_master and feedback table.

3.GetDiscipline(Ref)

```
mysql> SHOW CREATE PROCEDURE GetDiscipline;
+-----+-----+-----+-----+
| Procedure | sql_mode | Create Procedure | character_set_client | collation_connection | Database Collation |
+-----+-----+-----+-----+
| GetDiscipline | STRICT_TRANS_TABLES,NO_ENGINE_SUBSTITUTION | CREATE DEFINER='root'@'localhost' PROCEDURE `GetDiscipline`(IN Reference_Number varchar(20))
begin
select Discipline from trainee_master where trainee_master.Reference_Number=Reference_Number;
end | cp850 | cp850_general_ci | utf8mb4_0900_ai_ci |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

Fig. GetDiscipline()

This procedure extracts the discipline of particular trainee_master via his/her reference number.

It takes only one argument : reference number.



Fig. MySql Stored procedures

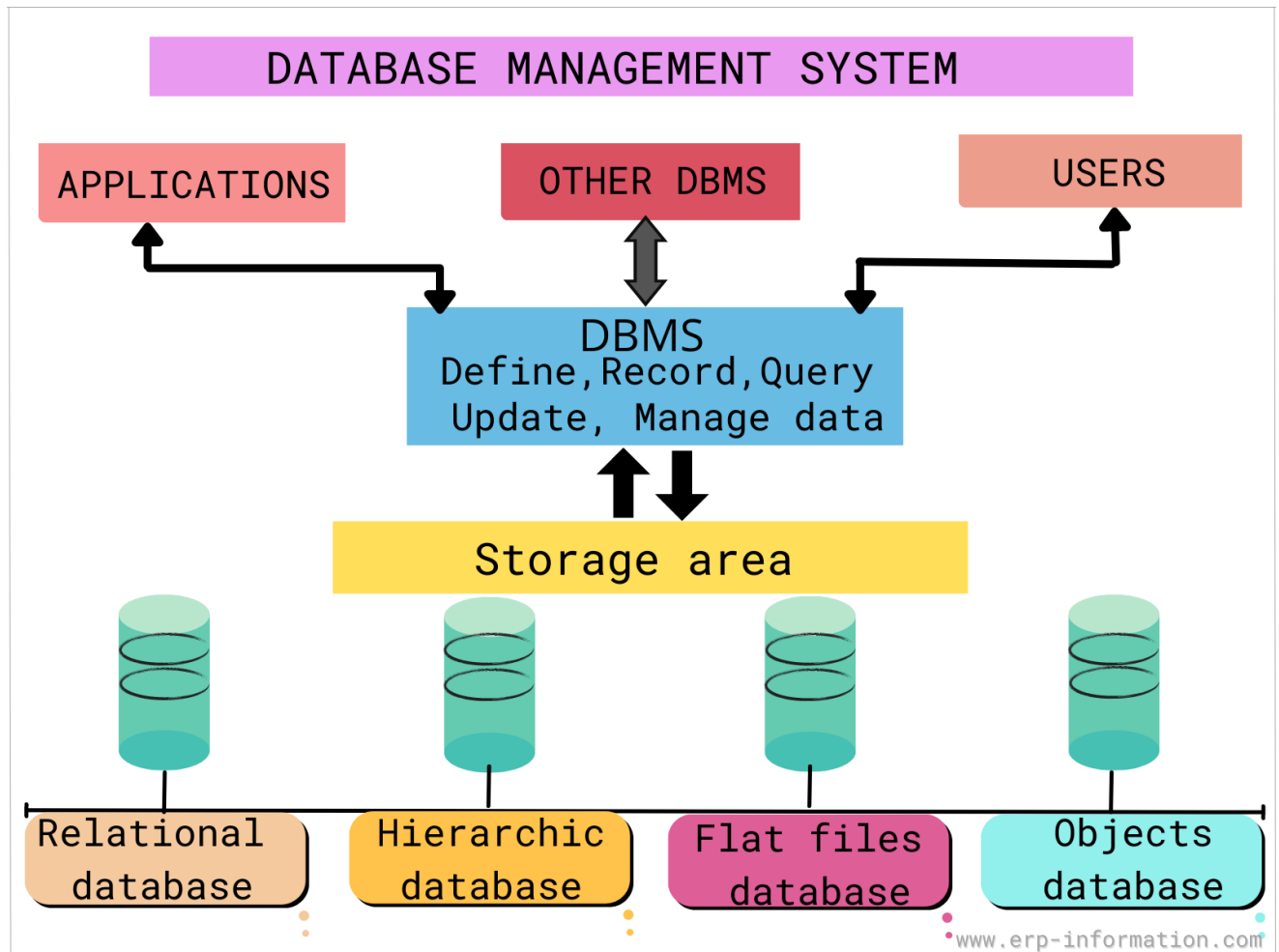
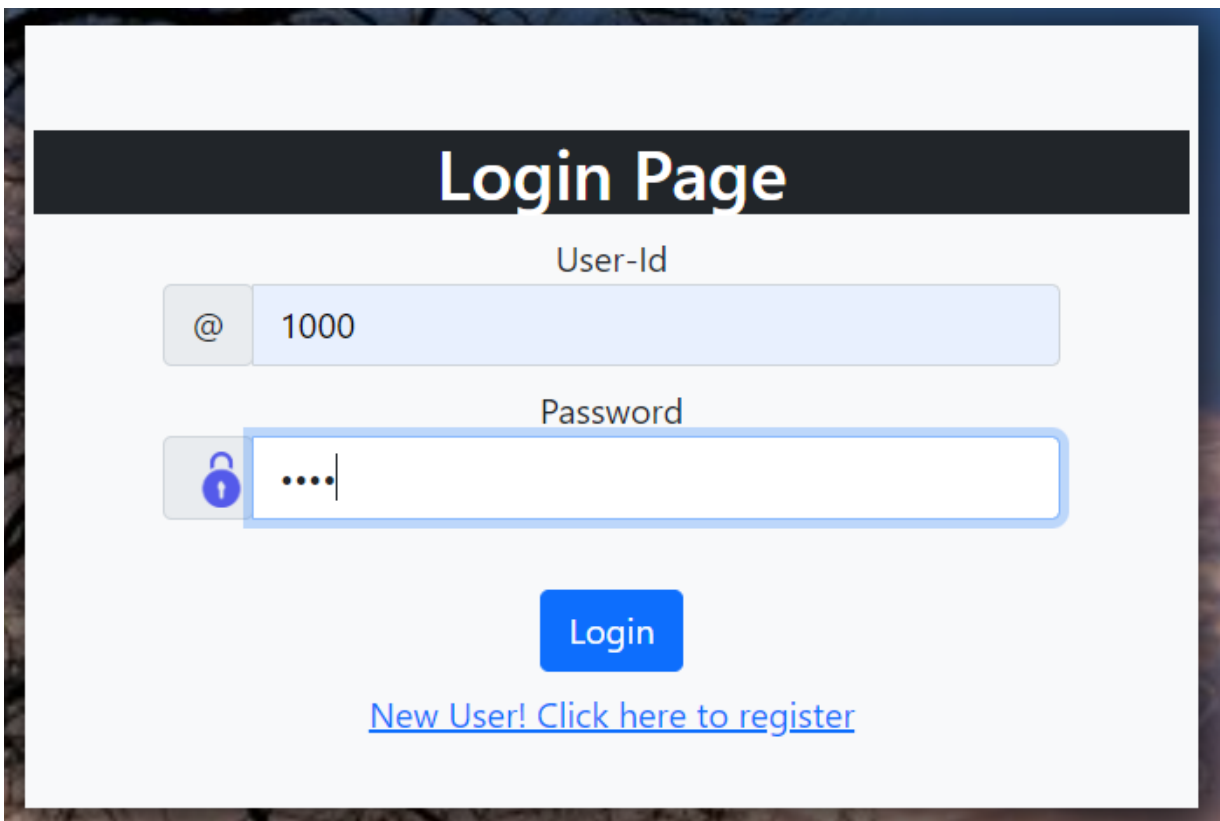
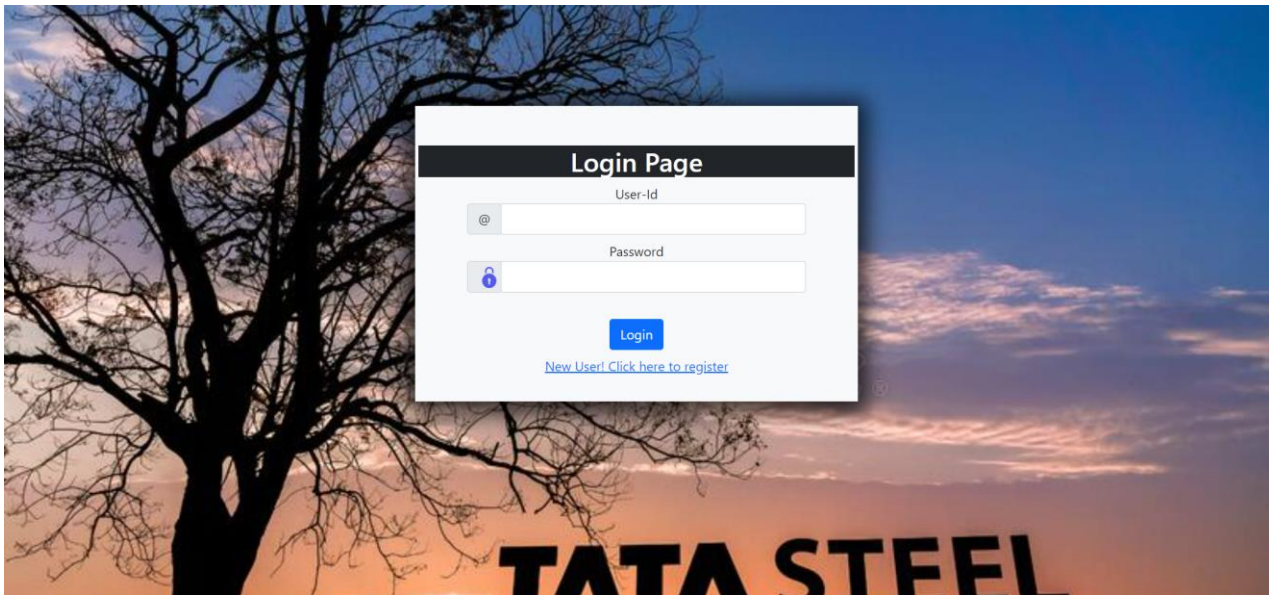


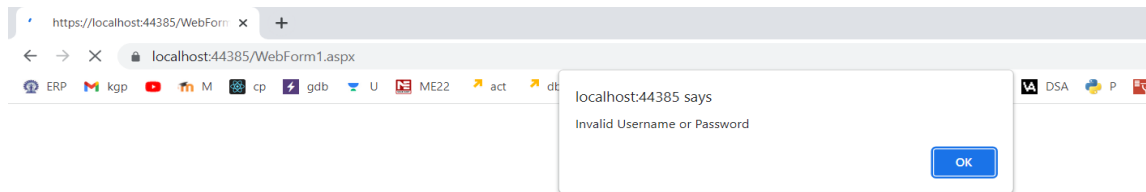
Fig. Database management System Flowchart

During the course, I was introduced to various aspects of database management for a company. Major benefits of organizing the data in form of a database was shown. I was introduced to MySQL and its workbench, command line and many other components. I was then introduced to the three data tables that I had to build. I was also introduced to procedures which would make the queries more organized. This training gave me an opportunity to understand MySql and gave me an insight into the database management.

Sitemap



Trainee login page of feedback portal for vocational training at SNTI



Alert with a message of id and password not matching when there is a mismatch between login id and password

Trainee Registration Form

Reference Number	<input type="text"/>
Trainee Name	<input type="text"/>
Discipline	<input type="text" value="Select Discipline"/>
Branch	<input type="text" value="Select Branch"/>
College Name	<input type="text"/>
Mobile Number	<input type="text"/>
Email Id	<input type="text"/>
Guide Personal No.	<input type="text"/>
Guide Name	<input type="text"/>
Project Title	<input type="text"/>

[Go back to Home Page](#)

Trainee Registration Form of feedback portal for vocational training at SNTI

https://localhost:44385/WebForm2.aspx

ERP kgp M cp gdb U ME22 act dbt RBR act class h ALA OR Q J DSA P O cf gfg

Trainee Details

Reference Number	1000
Trainee Name	SNEHA KUMARI
Discipline	Dual Degree
Branch	Industrial and Systems Engineering
College Name	IIT KHARAGPUR
Mobile Number	9587
Email Id	snehakumari.sk7@gmail.com
Guide Personal No.	123456
Guide Name	Suman Kumari
Project Title	Feedback Management using Mysql and asp.net framework ir

[Edit Details](#) [Fill Feedback Form](#)

[Go back to Home Page](#)

Trainee profile page of feedback portal for vocational training at SNTI

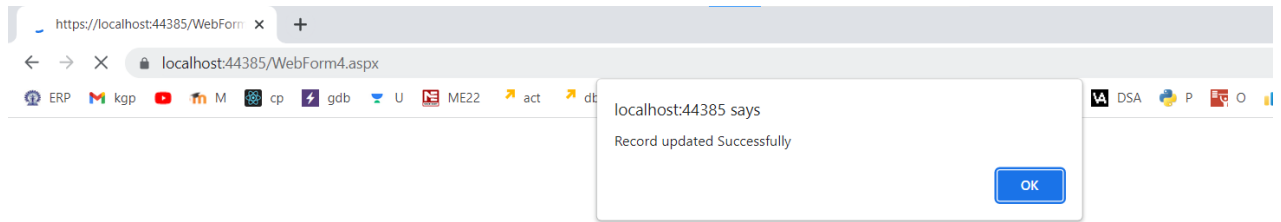
Edit Trainee Details

Reference Number	1000
Trainee Name	SNEHA KUMARI
Discipline	Dual Degree
Branch	Industrial and Systems Engineering
College Name	IIT KHARAGPUR
Mobile Number	9587
Email Id	snehakumari.sk7@gmail.com
Guide Personal No.	123456
Guide Name	Suman Kumari
Project Title	Feedback Management using Mysql and asp.net framework in C#

[Submit](#)

[Go back to Home Page](#)

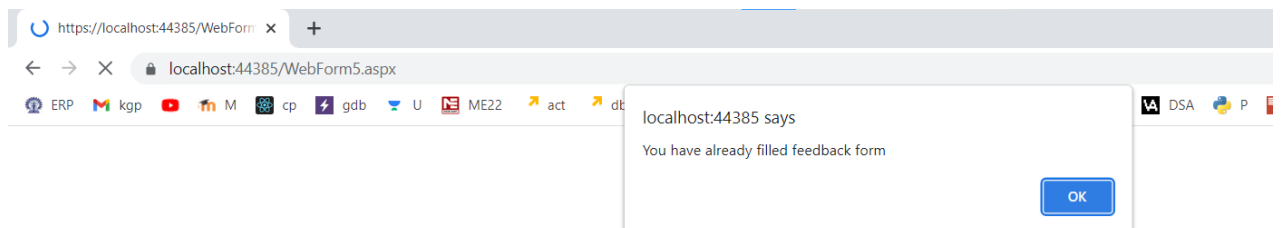
Trainee Edit Details page of feedback portal for vocational training at SNTI



Alert message of successful updation of trainee-details

After editing details, trainees need to Re-login...

From the profile page, hover to “Fill Feedback” button



If feedback form is already filled then, alert message
appears regarding the same

Trainee Feedback Form

Shavak Nanavati Technical Institute (SNTI), the erstwhile "Jamshedpur Technical Institute" (JTI) was established in 1921, with the inspiration of the Founder "Let the Indians learn to do things by themselves". Today SNTI, an integral part of the Human Resource Division of Tata Steel, has rendered commendable service in nation building through the development of technical manpower, not only for Tata Steel but, for many other Tata organisations, private and public sector Steel Plants and manufacturing industries.

Please provide us with feedback so that we can enhance our training services!!

Overall, how valuable was the training? *

☐Worse ☐Boring ☐Satisfactory ☐good ☐Fantastic

Instructor was clear and approachable? *

☐Worse ☐Boring ☐Satisfactory ☐good ☐Fantastic

After the training, how inspired, experienced did you feel? *

☐Worse ☐Boring ☐Satisfactory ☐good ☐Fantastic

Do you feel the training provided value for money/time? *

☐Worse ☐Boring ☐Satisfactory ☐good ☐Fantastic

Final Thoughts?

REMARKS / SUGGESTIONS

Submit

[Go back to Home Page](#)

Feedback page design

Code

1. Login Page

aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="snti.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
/>
    <style>
        .boxshadow {
            -webkit-box-shadow: -1px 4px 26px 11px rgba(0,0,0,0.75);
            -moz-box-shadow: -1px 4px 26px 11px rgba(0,0,0,0.75);
            box-shadow: -1px 4px 26px 11px rgba(0,0,0,0.75);
            margin-top: 50px
        }

        body {
            background: linear-gradient(to right, #43cea2 0%, #185a9d 100%);
            background-image:url("pictures/tata-steel-logo-jubilee-park-
silhouette-background-copy-space-220691299.jpg");
            background-repeat: no-repeat; /* Do not repeat the image */
            background-size: cover;
        }

        .auto-style2 {
            width: 25px;
            height: 25px;
            margin-left: 0px;
            margin-top: 0px;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
        <br />
```

```

        <br />
        <br />
        <div align="center" class="container jumbotron bg-light boxshadow"
style="width: 35%">
            <form>
                <br />
                <br />

                <div class="card-header-pills bg-dark text-white">
                    <h2>Login Page</h2>
                </div>
                <div class="form-group" style="width: 80%">
                    <label class="text-dark" for="userLabel">User-Id</label>
                    <div class="input-group mb-2">
                        <div class="input-group-prepend">
                            <div class="input-group-text">@</div>
                        </div>
                        <asp:TextBox ID="TextBox1" runat="server"
CssClass="form-control"></asp:TextBox>
                    </div>
                </div>
                <div class="form-group" style="width: 80%">
                    <label class="text-dark"
for="passwordLabel">Password</label>
                    <div class="input-group mb-2">
                        <div class="input-group-prepend">
                            <div class="input-group-text" style="height: 38px;
width: 41.29px;">
                                <table class="main_table">
                                    <tr>
                                        <td class="image_centering_class"
colspan="2" aria-dropeffect="none">
                                            <br />
                                        </td>
                                    </tr>
                                </table>
                            </div>
                        </div>
                        <asp:TextBox ID="TextBox2" runat="server"
CssClass="form-control" TextMode="Password"></asp:TextBox>
                    </div>
                </div>
                <br />
                <asp:Button ID="Button1" runat="server" Text="Login"
CssClass="btn btn-primary" OnClick="Button1_Click" />
            </div>

```

```

        <asp:LinkButton ID="LinkButton1" runat="server"
CssClass="btn btn-link" OnClick="LinkButton1_Click">New User! Click here to
register</asp:LinkButton>
        <br />
        <br />
    </div>

    </form>
</div>
</form>
</body>
</html>

```

aspx.cs:

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using MySql.Data.MySqlClient;
using System.Data;
using System.Configuration;
namespace snti
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        public MySqlConnection mycon;
        public MySqlCommand MyCm, cmd1;
        public MySqlDataAdapter myad;
        protected void Page_Load(object sender, EventArgs e)
        {
            try
            {
                mycon = new
MySqlConnection("server=localhost;database=shubham_sneha_snti;user
id=root;password=Mysql@1234;");
            }
            catch (Exception ex)
            {
                Response.Write(ex.ToString());
            }
        }
    }
}

```

```

    }

    protected void LinkButton1_Click(object sender, EventArgs e)
    {
        Session["New3"] = TextBox1.Text;
        Response.Redirect("WebForm3.aspx");
    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        try
        {
            mycon.Open();

            string checkUser = "select count(*) from trainee_master where
Reference_Number='" + TextBox1.Text + "' and Mobile_no=" + TextBox2.Text + "'";
            cmd1 = new MySqlCommand(checkUser, mycon);
            int temp = Convert.ToInt32(cmd1.ExecuteScalar());

            if (temp > 0)
            {
                //mycon.Open();
                //string checkPasswordQuery = "select Mobile_no
from trainee_master where Reference_Number='" + TextBox1.Text + "'";
                //cmd1 = new MySqlCommand(checkPasswordQuery, mycon);
                //string password =
cmd1.ExecuteScalar().ToString().Replace(" ", "");
                //if (password == TextBox2.Text)
                //{
                    Session["New"] = TextBox1.Text;
                    Response.Write("Password is correct");
                    Response.Redirect("WebForm2.aspx");
                }
            }
            else
            {
                Response.Write("<script>alert('Invalid Username or
Password')</script>");
                //Response.Write("Invalid Password");
            }
            //}
            mycon.Close();
        }
        catch(Exception ex)
        {
            Response.Write(ex.Message);
        }
    }
}

```

```
}  
}
```

2.New Trainee Registration Form

aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm3.aspx.cs"  
Inherits="snti.WebForm3" %>  
  
<!DOCTYPE html>  
  
<html xmlns="http://www.w3.org/1999/xhtml">  
<head runat="server">  
    <title></title>  
    <link rel="stylesheet"  
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"  
/>  
    <style>  
        body {  
            background: linear-gradient(to right, #ffafbd 0%, #ffc3a0 100%);  
        }  
  
        .headDetails {  
            height: 38px;  
            width: 250px;  
        }  
    </style>  
</head>  
<body>  
    <form id="form1" runat="server">  
        <br />  
        <br />  
        <br />  
  
        <div align="center" class="container jumbotron bg-light "  
style="width: 65%">  
            <form>  
                <br />  
                <br />  
                <div class="card-header-pills bg-dark text-white">
```

```

        <h2>Trainee Registration Form</h2>
    </div>
    <div class="form-group" style="width: 80%">

        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text
headDetails">Reference Number</div>
            </div>
            <asp:TextBox ID="TextBox1" runat="server"
CssClass="form-control" ></asp:TextBox>
        </div>
    </div>
    <div class="form-group" style="width: 80%">
        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text headDetails">Trainee
Name</div>
            </div>
            <asp:TextBox ID="TextBox2" runat="server"
CssClass="form-control" ></asp:TextBox>
        </div>
    </div>
    <div class="form-group" style="width: 80%">
        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text
headDetails">Discipline</div>
            </div>
            <asp:DropDownList ID="DropDownList1" runat="server"
Width="520px">
                <asp:ListItem>Select Discipline</asp:ListItem>
                <asp:ListItem>B.Tech</asp:ListItem>
                <asp:ListItem>M.Tech</asp:ListItem>
                <asp:ListItem>Dual Degree</asp:ListItem>
                <asp:ListItem>B.Sc</asp:ListItem>
                <asp:ListItem>M.Sc</asp:ListItem>
                <asp:ListItem>Doctoral Degree</asp:ListItem>
            </asp:DropDownList>
        </div>
    </div>
    <div class="form-group" style="width: 80%">
        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text
headDetails">Branch</div>
            </div>
            <asp:DropDownList ID="DropDownList2" runat="server"
Width="520px">

```

```

        <asp:ListItem>Select Branch</asp:ListItem>
        <asp:ListItem>Computer Science &
Engineering</asp:ListItem>
        <asp:ListItem>Information
Technology</asp:ListItem>
        <asp:ListItem>Electrical
Engineering</asp:ListItem>
        <asp:ListItem>Industrial and Systems
Engineering</asp:ListItem>
        <asp:ListItem>Mathematics &
Computing</asp:ListItem>
        <asp:ListItem>Mechanical
Engineering</asp:ListItem>
        <asp:ListItem>Chemical Engineering</asp:ListItem>
        <asp:ListItem>Mining</asp:ListItem>
    </asp:DropDownList>
</div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text headDetails">College
Name</div>
            </div>
            <asp:TextBox ID="TextBox5" runat="server"
CssClass="form-control" ></asp:TextBox>
        </div>
    </div>
    <div class="form-group" style="width: 80%">
        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text headDetails">Mobile
Number</div>
                </div>
                <asp:TextBox ID="TextBox6" runat="server"
CssClass="form-control" TextMode="Number"></asp:TextBox>
            </div>
        </div>
        <div class="form-group" style="width: 80%">
            <div class="input-group mb-2">
                <div class="input-group-prepend">
                    <div class="input-group-text headDetails">Email
Id</div>
                    </div>
                    <asp:TextBox ID="TextBox7" runat="server"
CssClass="form-control" TextMode="Email"></asp:TextBox>
                </div>
            </div>
            <div class="form-group" style="width: 80%">

```

```

        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text headDetails">Guide
Personal No.</div>
            </div>
            <asp:TextBox ID="TextBox8" runat="server"
CssClass="form-control" TextMode="Number"></asp:TextBox>
        </div>
    </div>
    <div class="form-group" style="width: 80%">
        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text headDetails">Guide
Name</div>
            </div>
            <asp:TextBox ID="TextBox9" runat="server"
CssClass="form-control" ></asp:TextBox>
        </div>
    </div>
    <div class="form-group" style="width: 80%">
        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text headDetails">Project
Title</div>
            </div>
            <asp:TextBox ID="TextBox10" runat="server"
CssClass="form-control" ></asp:TextBox>
        </div>
    </div>
    <br />
    <asp:Button ID="Button1" runat="server" Text="Submit"
CssClass="btn btn-primary" OnClick="Button1_Click" />
    <asp:Button ID="Button2" runat="server" Text="Clear Form"
CssClass="btn btn-primary" />
    <div>
        <asp:LinkButton ID="LinkButton1" runat="server"
CssClass="btn btn-link" OnClick="LinkButton1_Click">Go back to Home
Page</asp:LinkButton>
    <br />
    <br />
    </div>
</form>
</div>
</form>
<br />
<br />
<br />
<br />
</body>

```



```
</html>
```

aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using MySql.Data.MySqlClient;
using System.Data;
using System.Configuration;

namespace snti
{
    public partial class WebForm3 : System.Web.UI.Page
    {
        public MySqlConnection mycon;
        public MySqlCommand MyCm, cmd1;
        public MySqlDataAdapter myad;
        protected void Page_Load(object sender, EventArgs e)
        {
            //Response.Write("<script>window.alert('Record submitted Successfully')</script>");
            //TextBox1.Text = Session["new3"].ToString();
        }

        protected void LinkButton1_Click(object sender, EventArgs e)
        {
            //Session["homepage"] = "go to homepage";
            Response.Redirect("WebForm1.aspx");
        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            //Response.Write("<script>window.alert('Record submitted Successfully')</script>");
            try
            {
                mycon = new
                MySqlConnection("server=localhost;database=shubham_sneha_snti;user
                id=root;password=Mysql@1234;");
                MyCm = new MySqlCommand("insert into trainee_master set
                Reference_Number='" + TextBox1.Text + "',Name='" + TextBox2.Text +
```

```

"',Discipline='" + DropDownList1.Text + "',Branch='" + DropDownList2.Text + 
"',Mobile_No='" + TextBox6.Text + "',Email='" + TextBox7.Text + 
"',Guide_PNo='" + TextBox8.Text + "',Guide_Name='" + TextBox9.Text + 
"',Project_Title='" + TextBox10.Text + "',College_Name='" + TextBox5.Text + 
"';"; mycon);

        if (TextBox1.Text == "" || TextBox2.Text == "" || 
DropDownList1.Text == "" || DropDownList2.Text == "" || TextBox5.Text == "" || 
TextBox6.Text == "" || TextBox7.Text == "" || TextBox8.Text == "" || 
TextBox9.Text == "" || TextBox10.Text == "")
        {
            Response.Write("<script>>window.alert('Enter all field 
values!!!')</script>");
        }
        else
        {
            mycon.Open();
            MyCm.ExecuteNonQuery();
            mycon.Close();
            Response.Write("<script>>window.alert('Record submitted 
Successfully')</script>");
            try
            {
                Session["new2"] = TextBox1.Text;
                Response.Redirect("WebForm4.aspx");
            }
            catch (Exception ex1)
            {
                Response.Write(ex1.ToString());
            }
        }
    }
}

```

3.Trainee Profile

aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
Inherits="snti.WebForm2" %>

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
/>
    <style>
        body {
            background: linear-gradient(to right, #ffafbd 0%, #ffc3a0 100%);
        }

        .headDetails {
            height: 38px;
            width: 250px;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
        <br />
        <br />
        <br />

        <div align="center" class="container jumbotron bg-light boxshadow"
style="width: 60%">
            <form>
                <br />
                <br />
                <div class="card-header-pills bg-dark text-white">
                    <h2>Trainee Details</h2>
                </div>
                <div class="form-group" style="width: 80%">

                    <div class="input-group mb-2">
                        <div class="input-group-prepend">
                            <div class="input-group-text
headDetails">Reference Number</div>
                        </div>
```

```

        <asp:TextBox ID="TextBox1" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text headDetails">Trainee
Name</div>
        </div>
        <asp:TextBox ID="TextBox2" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text
headDetails">Discipline</div>
        </div>
        <asp:TextBox ID="TextBox3" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text
headDetails">Branch</div>
        </div>
        <asp:TextBox ID="TextBox4" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text headDetails">College
Name</div>
        </div>
        <asp:TextBox ID="TextBox5" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text headDetails">Mobile
Number</div>

```

```

        </div>
        <asp:TextBox ID="TextBox6" runat="server"
CssClass="form-control" ReadOnly="True" TextMode="Number"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text headDetails">Email
Id</div>
        </div>
        <asp:TextBox ID="TextBox7" runat="server"
CssClass="form-control" ReadOnly="True" TextMode="Email"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text headDetails">Guide
Personal No.</div>
        </div>
        <asp:TextBox ID="TextBox8" runat="server"
CssClass="form-control" ReadOnly="True" TextMode="Number"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text headDetails">Guide
Name</div>
        </div>
        <asp:TextBox ID="TextBox9" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text headDetails">Project
Title</div>
        </div>
        <asp:TextBox ID="TextBox10" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
    </div>
</div>
<br />
    <asp:Button ID="Button1" runat="server" Text="Edit Details"
CssClass="btn btn-primary" OnClick="Button1_Click" />

```

```

        <asp:Button ID="Button2" runat="server" Text="Fill Feedback
Form" CssClass="btn btn-primary" OnClick="Button2_Click" />
        <div>
            <asp:LinkButton ID="LinkButton1" runat="server"
CssClass="btn btn-link" OnClick="LinkButton1_Click">Go back to Home
Page</asp:LinkButton>
            <br />
            <br />
        </div>
    </form>
</div>
</form>
<br />
<br />
<br />
<br />
</body>
</html>

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
Inherits="snti.WebForm2" %>

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
/>
    <style>
        body {
            background: linear-gradient(to right, #ffafbd 0%, #ffc3a0 100%);
        }

        .headDetails {
            height: 38px;
            width: 250px;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
        <br />
        <br />
        <br />

        <div align="center" class="container jumbotron bg-light boxshadow"
style="width: 60%">
            <form>

```

```

        <br />
        <br />
        <div class="card-header-pills bg-dark text-white">
            <h2>Trainee Details</h2>
        </div>
        <div class="form-group" style="width: 80%">

            <div class="input-group mb-2">
                <div class="input-group-prepend">
                    <div class="input-group-text
headDetails">Reference Number</div>
                </div>
                <asp:TextBox ID="TextBox1" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
            </div>
            <div class="form-group" style="width: 80%">
                <div class="input-group mb-2">
                    <div class="input-group-prepend">
                        <div class="input-group-text headDetails">Trainee
Name</div>
                    </div>
                    <asp:TextBox ID="TextBox2" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
                </div>
            </div>
            <div class="form-group" style="width: 80%">
                <div class="input-group mb-2">
                    <div class="input-group-prepend">
                        <div class="input-group-text
headDetails">Discipline</div>
                    </div>
                    <asp:TextBox ID="TextBox3" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
                </div>
            </div>
            <div class="form-group" style="width: 80%">
                <div class="input-group mb-2">
                    <div class="input-group-prepend">
                        <div class="input-group-text
headDetails">Branch</div>
                    </div>
                    <asp:TextBox ID="TextBox4" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
                </div>
            </div>
            <div class="form-group" style="width: 80%">
                <div class="input-group mb-2">
                    <div class="input-group-prepend">

```

```

        <div class="input-group-text headDetails">College
Name</div>
    </div>
    <asp:TextBox ID="TextBox5" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text headDetails">Mobile
Number</div>
        </div>
        <asp:TextBox ID="TextBox6" runat="server"
CssClass="form-control" ReadOnly="True" TextMode="Number"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text headDetails">Email
Id</div>
        </div>
        <asp:TextBox ID="TextBox7" runat="server"
CssClass="form-control" ReadOnly="True" TextMode="Email"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text headDetails">Guide
Personal No.</div>
        </div>
        <asp:TextBox ID="TextBox8" runat="server"
CssClass="form-control" ReadOnly="True" TextMode="Number"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">
        <div class="input-group-prepend">
            <div class="input-group-text headDetails">Guide
Name</div>
        </div>
        <asp:TextBox ID="TextBox9" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
    </div>
</div>
<div class="form-group" style="width: 80%">
    <div class="input-group mb-2">

```



```

        <div class="input-group-prepend">
            <div class="input-group-text headDetails">Project
Title</div>
        </div>
        <asp:TextBox ID="TextBox10" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
    </div>
</div>
<br />
    <asp:Button ID="Button1" runat="server" Text="Edit Details"
CssClass="btn btn-primary" OnClick="Button1_Click" />
    <asp:Button ID="Button2" runat="server" Text="Fill Feedback
Form" CssClass="btn btn-primary" OnClick="Button2_Click" />
    <div>
        <asp:LinkButton ID="LinkButton1" runat="server"
CssClass="btn btn-link" OnClick="LinkButton1_Click">Go back to Home
Page</asp:LinkButton>
        <br />
        <br />
    </div>
</form>
</div>
</form>
<br />
<br />
<br />
<br />
</body>
</html>

```

aspx.cs:

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using MySql.Data.MySqlClient;
using System.Data;
using System.Configuration;

namespace snti
{
    public partial class WebForm2 : System.Web.UI.Page

```

```

{
    public MySqlConnection mycon;
    public MySqlCommand MyCm, cmd1;
    public MySqlDataAdapter myad;

    protected void Button1_Click(object sender, EventArgs e)
    {
        Session["new2"] = TextBox1.Text;
        Response.Redirect("WebForm4.aspx");
    }

    protected void Button2_Click(object sender, EventArgs e)
    {
        Session["newFeedback"] = TextBox1.Text;
        Response.Redirect("WebForm5.aspx");
    }

    protected void LinkButton1_Click(object sender, EventArgs e)
    {
        Session["homepage2"] = TextBox1.Text;
        Response.Redirect("WebForm1.aspx");
    }

    protected void Page_Load(object sender, EventArgs e)
    {
        TextBox1.Text = Session["new"].ToString();

        try
        {
            mycon = new
MySqlConnection("server=localhost;database=shubham_sneha_snti;user
id=root;password=Mysql@1234;");
            MyCm = new MySqlCommand("select * from trainee_master where
trainee_master.Reference_Number='" + TextBox1.Text + "'",mycon);
            myad = new MySqlDataAdapter(MyCm);
            DataTable dt = new DataTable();
            myad.Fill(dt);
            if(dt.Rows.Count>0)
            {
                TextBox2.Text = dt.Rows[0][1].ToString();
                TextBox3.Text = dt.Rows[0][2].ToString();
                TextBox4.Text = dt.Rows[0][3].ToString();
                TextBox5.Text = dt.Rows[0][9].ToString();
                TextBox6.Text = dt.Rows[0][4].ToString();
                TextBox7.Text = dt.Rows[0][5].ToString();
                TextBox8.Text = dt.Rows[0][6].ToString();
                TextBox9.Text = dt.Rows[0][7].ToString();
            }
        }
    }
}

```

```

        TextBox10.Text = dt.Rows[0][8].ToString();
    }

}
catch (Exception ex)
{
    Response.Write(ex.ToString());
}

}
}
}

```

4.Edit Trainee Details

aspx:

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm4.aspx.cs"
Inherits="snti.WebForm4" %>

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
/>
    <style>
        body {
            background: linear-gradient(to right, #ffafbd 0%, #ffc3a0 100%);
        }

        .headDetails {
            height: 38px;
            width: 250px;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">

```

```

<br />
<br />
<br />

<div align="center" class="container jumbotron bg-light boxshadow"
style="width: 60%">
    <form>
        <br />
        <br />
        <div class="card-header-pills bg-dark text-white">
            <h2>Edit Trainee Details</h2>
        </div>
        <div class="form-group" style="width: 80%">

            <div class="input-group mb-2">
                <div class="input-group-prepend">
                    <div class="input-group-text
headDetails">Reference Number</div>
                </div>
                <asp:TextBox ID="TextBox1" runat="server"
CssClass="form-control" ReadOnly="True"></asp:TextBox>
            </div>
            <div class="form-group" style="width: 80%">
                <div class="input-group mb-2">
                    <div class="input-group-prepend">
                        <div class="input-group-text headDetails">Trainee
Name</div>
                    </div>
                    <asp:TextBox ID="TextBox2" runat="server"
CssClass="form-control"></asp:TextBox>
                </div>
            </div>
            <div class="form-group" style="width: 80%">
                <div class="input-group mb-2">
                    <div class="input-group-prepend">
                        <div class="input-group-text
headDetails">Discipline</div>
                    </div>
                    <asp:DropDownList ID="DropDownList1" runat="server"
Width="520px">

                        <asp:ListItem>Select Discipline</asp:ListItem>
                        <asp:ListItem>B.Tech</asp:ListItem>
                        <asp:ListItem>M.Tech</asp:ListItem>
                        <asp:ListItem>Dual Degree</asp:ListItem>
                        <asp:ListItem>B.Sc</asp:ListItem>
                        <asp:ListItem>M.Sc</asp:ListItem>
                        <asp:ListItem>Doctoral Degree</asp:ListItem>
                    </asp:DropDownList>

```

```

        </div>
    </div>
    <div class="form-group" style="width: 80%">
        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text
headDetails">Branch</div>
            </div>
            <asp:DropDownList ID="DropDownList2" runat="server"
Width="520px">
                <asp:ListItem>Select Branch</asp:ListItem>
                <asp:ListItem>Computer Science &
Engineering</asp:ListItem>
                <asp:ListItem>Information
Technology</asp:ListItem>
                <asp:ListItem>Electrical
Engineering</asp:ListItem>
                <asp:ListItem>Industrial and Systems
Engineering</asp:ListItem>
                <asp:ListItem>Mathematics &
Computing</asp:ListItem>
                <asp:ListItem>Mechanical
Engineering</asp:ListItem>
                <asp:ListItem>Chemical Engineering</asp:ListItem>
                <asp:ListItem>Mining</asp:ListItem>
            </asp:DropDownList>
        </div>
    </div>
    <div class="form-group" style="width: 80%">
        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text headDetails">College
Name</div>
            </div>
            <asp:TextBox ID="TextBox5" runat="server"
CssClass="form-control"></asp:TextBox>
        </div>
    </div>
    <div class="form-group" style="width: 80%">
        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text headDetails">Mobile
Number</div>
            </div>
            <asp:TextBox ID="TextBox6" runat="server"
CssClass="form-control" TextMode="Number"></asp:TextBox>
        </div>
    </div>
    <div class="form-group" style="width: 80%">

```

```

        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text headDetails">Email
Id</div>
            </div>
            <asp:TextBox ID="TextBox7" runat="server"
CssClass="form-control" TextMode="Email"></asp:TextBox>
        </div>
    </div>
    <div class="form-group" style="width: 80%">
        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text headDetails">Guide
Personal No.</div>
            </div>
            <asp:TextBox ID="TextBox8" runat="server"
CssClass="form-control" TextMode="Number"></asp:TextBox>
        </div>
    </div>
    <div class="form-group" style="width: 80%">
        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text headDetails">Guide
Name</div>
            </div>
            <asp:TextBox ID="TextBox9" runat="server"
CssClass="form-control"></asp:TextBox>
        </div>
    </div>
    <div class="form-group" style="width: 80%">
        <div class="input-group mb-2">
            <div class="input-group-prepend">
                <div class="input-group-text headDetails">Project
Title</div>
            </div>
            <asp:TextBox ID="TextBox10" runat="server"
CssClass="form-control"></asp:TextBox>
        </div>
    </div>
    <br />
    <asp:Button ID="Button1" runat="server" Text="Submit"
CssClass="btn btn-primary" OnClick="Button1_Click" />
    <div>
        <asp:LinkButton ID="LinkButton1" runat="server"
CssClass="btn btn-link" OnClick="LinkButton1_Click">Go back to Home
Page</asp:LinkButton>
    <br />
    <br />
    </div>

```

```

        </form>
    </div>
</form>
<br />
<br />
<br />
<br />
</body>
</html>

```

aspx.cs:

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using MySql.Data.MySqlClient;
using System.Data;
using System.Configuration;

namespace snti
{
    public partial class WebForm4 : System.Web.UI.Page
    {
        public MySqlConnection mycon;
        public MySqlCommand MyCm, cmd1;
        public MySqlDataAdapter myad;
        string UserId;
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
                UserId = Session["new2"].ToString();
                Response.Write(UserId);
                try
                {
                    mycon = new
MySqlConnection("server=localhost;database=shubham_sneha_snti;user
id=root;password=Mysql@1234;");
                    MyCm = new MySqlCommand("select * from trainee_master
where trainee_master.Reference_Number='" + UserId.ToString() + "'", mycon);
                    myad = new MySqlDataAdapter(MyCm);
                    DataTable dt = new DataTable();

```

```

        myad.Fill(dt);
        if (dt.Rows.Count > 0)
        {
            TextBox1.Text = dt.Rows[0][0].ToString();
            TextBox2.Text = dt.Rows[0][1].ToString();
            DropDownList1.Text = dt.Rows[0][2].ToString();
            DropDownList2.Text = dt.Rows[0][3].ToString();
            TextBox5.Text = dt.Rows[0][9].ToString();
            TextBox6.Text = dt.Rows[0][4].ToString();
            TextBox7.Text = dt.Rows[0][5].ToString();
            TextBox8.Text = dt.Rows[0][6].ToString();
            TextBox9.Text = dt.Rows[0][7].ToString();
            TextBox10.Text = dt.Rows[0][8].ToString();
        }
        //TextBox2.Focus();
    }
    catch (Exception ex)
    {
        Response.Write(ex.ToString());
    }
}

protected void LinkButton1_Click(object sender, EventArgs e)
{
    Session["homepage1"] = "go to homepage";
    Response.Redirect("WebForm1.aspx");
}

protected void Button1_Click(object sender, EventArgs e)
{
    try
    {
        mycon = new
        MySqlConnection("server=localhost;database=shubham_sneha_snti;user
        id=root;password=Mysql@1234;");
        string s1 = TextBox1.Text;
        Response.Write(s1);
        string s2 = TextBox2.Text;
        Response.Write(s2);
        string s3 = DropDownList1.Text;
        Response.Write(s3);
        string s4 = DropDownList2.Text;
        Response.Write(s4);
        string s5 = TextBox5.Text;
        Response.Write(s5);
        string s6 = TextBox6.Text;
        Response.Write(s6);
    }
    catch (Exception ex)
    {
        Response.Write(ex.ToString());
    }
}

```



```

        string s7 = TextBox7.Text;
        Response.Write(s7);
        string s8 = TextBox8.Text;
        Response.Write(s8);
        string s9 = TextBox9.Text;
        Response.Write(s9);
        string s10 = TextBox10.Text;
        Response.Write(s10);
        //String gn = "Amit sir";
        //String sk = "update trainee_master set Guide_Name='"+ gn +"'
where trainee_master.Reference_Number='" + TextBox1.Text + "'";
        string sk = "update trainee_master set Name='" + TextBox2.Text
+ "',Discipline='" + DropDownList1.Text + "',Branch='" + DropDownList2.Text +
"',Mobile_No='" + TextBox6.Text + "',Email='" + TextBox7.Text +
"',Guide_PNo='" + TextBox8.Text + "',Guide_Name='" + TextBox9.Text +
"',Project_Title='" + TextBox10.Text + "',College_Name='" + TextBox5.Text + "'
where trainee_master.Reference_Number='" + TextBox1.Text + "'";
        mycon.Open();
        cmd1 = new MySqlCommand(sk, mycon);
        cmd1.ExecuteNonQuery();
        Response.Write("<script>window.alert('Record updated
Successfully')</script>");
        mycon.Close();
    }
    catch (Exception ex)
    {
        Response.Write(ex.ToString());
    }
}
}
}

```

5.Feedback form

aspx:

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm5.aspx.cs"
Inherits="snti.WebForm5" %>

<!DOCTYPE html>

```

```
<html class="supernova">
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0,
maximum-scale=2.0, user-scalable=1">
  <meta name="HandheldFriendly" content="true">
  <title>Event Feedback Form</title>
  <style type="text/css">
    @media print {
      .form-section {
        display: inline !important
      }

      .form-pagebreak {
        display: none !important
      }

      .form-section-closed {
        height: auto !important
      }

      .page-section {
        position: initial !important
      }
    }
  </style>
  <link type="text/css" rel="stylesheet"
href="https://cdn01.jotfor.ms/themes/CSS/5e6b428acc8c4e222d1beb91.css?themeRev
isionID=5eb3b4ae85bd2e1e2966db96">
  <link type="text/css" rel="stylesheet"
href="https://cdn02.jotfor.ms/css/styles/payment/payment_styles.css?3.3.30884"
>
  <link type="text/css" rel="stylesheet"
href="https://cdn03.jotfor.ms/css/styles/payment/payment_feature.css?3.3.30884"
">
  <style type="text/css" id="form-designer-style">
    /* Injected CSS Code */

    .supernova {
      background-color: #2462B9;
    }

    body {
      color: #102D80;
      font-size: 16px;
      font-family: Inter;
      background-color: #2462B9;
    }
  </style>
</head>
```

```
.form-all {
    margin-top: 72px;
    background-color: #ffffff;
    box-shadow: 0 4px 4px rgba(17, 24, 38, 0.21)
}

.form-line-active {
    background-color: #F1F5FF;
}

.form-line-error {
    background-color: #FFEDED;
}

.form-line-error input:not(#coupon-input):not(.form-validation-
error) {
    border-color: #C3CAD8;
}

.form-label {
    color: #102D80;
}

.form-sub-label {
    color: #2C63B1;
}

.form-dropdown, .form-textarea, .form-textbox, .form-checkbox +
label:before, .form-radio + label:before, .form-radio + span:before, .form-
checkbox + span:before {
    border-color: #C3CAD8;
    background-color: #ffffff;
    color: #2C3345;
}

questionLine-editButton {
    color: #102D80;
}

.appointmentCalendarContainer {
    background-color: #ffffff;
}

.form-checkbox + label, .form-radio + label {
    color: #102D80;
}

.form-dropdown:hover, .form-textarea:hover, .form-textbox:hover,
.form-checkbox:hover + label:before, .form-radio:hover + label:before {
```

```
        border-color: #2E69FF;
        box-shadow: 0 0 0 2px #C9D8FE;
    }

    .form-dropdown:focus, .form-textarea:focus, .form-textbox:focus,
    .form-checkbox:focus + label:before, .form-radio:focus + label:before {
        border-color: #2E69FF;
        box-shadow: 0 0 0 3px #C9D8FE;
    }

    .form-matrix-column-headers, .form-matrix-table td, .form-matrix-table
    td:last-child, .form-matrix-table th, .form-matrix-table th:last-child, .form-
    matrix-table tr:last-child td, .form-matrix-table tr:last-child th, .form-
    matrix-table tr:not([role=group]) + tr[role=group] th {
        color: #2C3345;
    }

    .form-radio:checked + label:after {
        background-color: #2E69FF;
    }

    .form-checkbox:checked + label:before {
        background-color: #2E69FF;
        border-color: #2E69FF;
    }

    .form-radio:checked + label:before {
        border-color: #2E69FF;
    }

    .form-header {
        color: #102D80;
    }

    .jSignature, .signature-pad-passive {
        border-color: #C3CAD8;
        background-color: #FFFFFF;
    }

    .form-header-group .form-subHeader {
        color: #2C63B1;
    }

    .form-header-group {
        border-color: #C3CAD8;
    }

    .header-large {
        color: #C3CAD8;
```

```
        border-color: #c3cad8;
    }

    li[data-type="control_text"] .form-html {
        color: #7F8DAA;
    }

    li[data-type="control_datetime"] .extended .allowTime-container +
.form-sub-label-container {
        background-color: #ffffff;
    }

    .form-buttons-wrapper .form-submit-button:not(.form-sacl-button) {
        background-color: #18BD5B;
        border-color: #C3CAD8;
    }

    .form-buttons-wrapper .form-sacl-button[data-component], form-submit-
print {
        color: #2C3345;
    }

    .form-buttons-wrapper .form-pagebreak-next {
        background-color: undefined;
    }

    .form-buttons-wrapper .form-pagebreak-back {
        background-color: #7EA9E6;
    }

    .form-all {
        font-family: Inter, sans-serif;
    }

    .form-all .qq-upload-button,
    .form-all .form-submit-button,
    .form-all .form-submit-reset,
    .form-all .form-submit-print {
        font-family: Inter, sans-serif;
    }

    .form-all .form-pagebreak-back-container,
    .form-all .form-pagebreak-next-container {
        font-family: Inter, sans-serif;
    }

    .form-header-group {
        font-family: Inter, sans-serif;
    }
}
```

```
.form-label {
  font-family: Inter, sans-serif;
}

.form-label.form-label-auto {
  display: block;
  float: none;
  text-align: left;
  width: 100%;
}

.form-line {
  margin-top: 12px 36px 12px 36px;
  margin-bottom: 12px 36px 12px 36px;
}

.form-all {
  max-width: 752px;
  width: 100%;
}

.form-label.form-label-left,
.form-label.form-label-right,
.form-label.form-label-left.form-label-auto,
.form-label.form-label-right.form-label-auto {
  width: 230px;
}

.form-all {
  font-size: 16px
}

.form-all .qq-upload-button,
.form-all .qq-upload-button,
.form-all .form-submit-button,
.form-all .form-submit-reset,
.form-all .form-submit-print {
  font-size: 16px
}

.form-all .form-pagebreak-back-container,
.form-all .form-pagebreak-next-container {
  font-size: 16px
}

.supernova {
  background-color: #2462B9;
}
```

```
.supernova body {
  background: transparent;
}

.supernova .form-all, .form-all {
  background-color: #ffffff;
  border: 1px solid transparent;
}

.form-all {
  color: #102D80;
}

.form-label-top,
.form-label-left,
.form-label-right,
.form-html,
.form-checkbox-item label,
.form-radio-item label {
  color: #102D80;
}

.form-textbox,
.form-textarea,
.form-radio-other-input,
.form-checkbox-other-input,
.form-captcha input,
.form-spinner input {
  background-color: #ffffff;
}

.form-line-error {
  overflow: hidden;
  transition: none;
  background-color: #FFEDED;
}

.form-line-error .form-error-message {
  background-color: #FF3200;
  clear: both;
  float: none;
}

.form-line-error .form-error-arrow {
  border-bottom-color: #FF3200;
}

.form-line-error input:not(#coupon-input),
```

```
.form-line-error textarea,
.form-line-error .form-validation-error {
    border: 1px solid #FF3200;
    .box-shadow(0 0 3px #FF3200);
}

.supernova {
    background-image: none;
}

#stage {
    background-image: none;
}

.form-all {
    background-image: none;
}

.ie-8 .form-all:before {
    display: none;
}

.ie-8 {
    margin-top: auto;
    margin-top: initial;
}

.radiobuttonlist1 {
    color: red;
}

.radiobuttonlist2 {
    color: #FF3399;
}

.radiobuttonlist3 {
    color: magenta;
}

.radiobuttonlist4 {
    color: blue;
}

.radiobuttonlist5 {
    color: green;
}
</style>
</head>
<body>
```



```

<form id="form1" runat="server">

    <div role="main" class="form-all">
        <style>
            .form-all:before {
                background: none;
            }
        </style>
        <ul class="form-section page-section">
            <li id="cid_1" class="form-input-wide" data-
type="control_head">
                <div class="form-header-group header-large">
                    <div class="header-text htta1 htvam">
                        <h1 id="header_1" class="form-header" data-
component="header">Trainee Feedback Form
                    </h1>
                    <div id="subHeader_1" class="form-subHeader">
                        &nbsp;  Shavak Nanavati Technical Institute
(SNTI),the erstwhile "Jamshedpur Technical Institute" (JTI) was established in
1921, with the inspiration of the Founder "Let the Indians learn to do things
by themselves". Today SNTI, an integral part of the Human Resource Division of
Tata Steel, has rendered commendable service in nation building through the
development of technical manpower, not only for Tata Steel but, for many other
Tata organisations, private and public sector Steel Plants and manufacturing
industries.
                    </div> <br />
                    <div id="subHeader_2" class="form-
subHeader">Please provide us with feedback so that we can enhance our training
services!!
                    </div>
                </div>
            </li>
            <li class="form-line jf-required" data-type="control_scale"
id="id_46">
                <label class="form-label form-label-top form-label-auto"
id="label_46" for="input_23">
                    Overall, how valuable was the training?

                    <span class="form-required">*</span>
                </label>
                <asp:RadioButtonList ID="RadioButtonList1" runat="server"
AutoPostBack="True" CellPadding="10" CellSpacing="10"
RepeatDirection="Horizontal" Font-Names="Comic Sans MS" Font-Size="Large"
Height="50px">

```

```

        <asp:ListItem Value="1"
class="radiobuttonlist1">Worse</asp:ListItem>
        <asp:ListItem Value="2"
class="radiobuttonlist2">Boring</asp:ListItem>
        <asp:ListItem Value="3"
class="radiobuttonlist3">Satisfactory</asp:ListItem>
        <asp:ListItem Value="4"
class="radiobuttonlist4">good</asp:ListItem>
        <asp:ListItem Value="5"
class="radiobuttonlist5">Fantastic</asp:ListItem>
    </asp:RadioButtonList>
</li>
<li class="form-line jf-required" data-type="control_scale"
id="id_231">
    <label class="form-label form-label-top form-label-auto"
id="label_231" for="input_231">
        Instructor was clear and approachable?
        <span class="form-required">*</span>
    </label>

    <asp:RadioButtonList ID="RadioButtonList2" runat="server"
AutoPostBack="True" CellPadding="10" CellSpacing="10"
RepeatDirection="Horizontal" Font-Names="Comic Sans MS" Font-Size="Large"
Height="50px">
        <asp:ListItem Value="1"
class="radiobuttonlist1">Worse</asp:ListItem>
        <asp:ListItem Value="2"
class="radiobuttonlist2">Boring</asp:ListItem>
        <asp:ListItem Value="3"
class="radiobuttonlist3">Satisfactory</asp:ListItem>
        <asp:ListItem Value="4"
class="radiobuttonlist4">good</asp:ListItem>
        <asp:ListItem Value="5"
class="radiobuttonlist5">Fantastic</asp:ListItem>
    </asp:RadioButtonList>

</li>
<li class="form-line jf-required" data-type="control_scale"
id="id_25">
    <label class="form-label form-label-top form-label-auto"
id="label_25" for="input_25">
        After the training, how inspired,experienced did you
feel?

        <span class="form-required">*</span>
    </label>

```

```

        <asp:RadioButtonList ID="RadioButtonList3" runat="server"
AutoPostBack="True" CellPadding="10" CellSpacing="10"
RepeatDirection="Horizontal" Font-Names="Comic Sans MS" Font-Size="Large"
Height="50px">
            <asp:ListItem Value="1"
class="radiobuttonlist1">Worse</asp:ListItem>
            <asp:ListItem Value="2"
class="radiobuttonlist2">Boring</asp:ListItem>
            <asp:ListItem Value="3"
class="radiobuttonlist3">Satisfactory</asp:ListItem>
            <asp:ListItem Value="4"
class="radiobuttonlist4">good</asp:ListItem>
            <asp:ListItem Value="5"
class="radiobuttonlist5">Fantastic</asp:ListItem>
        </asp:RadioButtonList>
    </li>
    <li class="form-line jf-required" data-type="control_scale"
id="id_24">
        <label class="form-label form-label-top form-label-auto"
id="label_24" for="input_24">
            Do you feel the training provided value for
money/time?

            <span class="form-required">*</span>
        </label>
        <asp:RadioButtonList ID="RadioButtonList4" runat="server"
AutoPostBack="True" CellPadding="10" CellSpacing="10"
RepeatDirection="Horizontal" Font-Names="Comic Sans MS" Font-Size="Large"
Height="50px">
            <asp:ListItem Value="1"
class="radiobuttonlist1">Worse</asp:ListItem>
            <asp:ListItem Value="2"
class="radiobuttonlist2">Boring</asp:ListItem>
            <asp:ListItem Value="3"
class="radiobuttonlist3">Satisfactory</asp:ListItem>
            <asp:ListItem Value="4"
class="radiobuttonlist4">good</asp:ListItem>
            <asp:ListItem Value="5"
class="radiobuttonlist5">Fantastic</asp:ListItem>
        </asp:RadioButtonList>
    </li>

    <li id="cid_27" class="form-input-wide" data-
type="control_head">
        <div class="form-header-group header-default">
            <div class="header-text htal htvam">
                <h2 id="header_27" class="form-header" data-
component="header">Final Thoughts?

```

```

        </h2>
    </div>
</div>
</li>
<li class="form-line" data-type="control_textarea" id="id_45">
    <label class="form-label form-label-top form-label-auto"
id="label_45" for="input_45">REMARKS / SUGGESTIONS</label>
    <div id="cid_45" class="form-input-wide" data-
layout="full">
        <asp:TextBox ID="TextBox1" runat="server"
Height="124px" Width="667px"></asp:TextBox>
    </div>
</li>

    <li id="cid_28" class="form-input-wide" data-
type="control_head">
        <div align="center">
            <asp:Button ID="Button1" runat="server" Text="Submit"
Text-align="center" CssClass="btn btn-primary" OnClick="Button1_Click"
BackColor="#66FFCC" Height="40px" Width="80px" />
        </div>
        <div>
            <asp:LinkButton ID="LinkButton1" runat="server"
CssClass="btn btn-link" OnClick="LinkButton1_Click">Go back to Home
Page</asp:LinkButton>
        <br />
        <br />
    </div>
    <div class="form-header-group header-default">
        <div class="header-text htta1 htvam">
        </div>
    </div>
</li>
</ul>
<br />
</div>
</form>
    <span style="margin: 0px auto; border: 2px dotted rgb(0, 0, 0); position:
absolute; z-index: 2147483647; visibility: hidden; left: 1061px; width: 0px;
top: 151px; height: 0px;"></span><span style="z-index: 2147483647; position:
absolute; visibility: hidden; left: 1046px; width: 50px; top: 136px; height:
20px; font-size: 10px; color: black;"></span>
</body>
</html>

```

aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using MySql.Data.MySqlClient;
using System.Data;
using System.Configuration;
namespace snti
{
    public partial class WebForm5 : System.Web.UI.Page
    {
        public MySqlConnection mycon;
        public MySqlCommand MyCm, cmd1;
        public MySqlDataAdapter myad;
        string userId;
        protected void Page_Load(object sender, EventArgs e)
        {
            userId= Session["newFeedback"].ToString();
            try
            {
                mycon = new
                MySqlConnection("server=localhost;database=shubham_sneha_snti;user
                id=root;password=Mysql@1234;");
                if (Check_feedback_Exists())
                {
                    Response.Write("<script>alert('You have already filled
                    feedback form')</script>");
                    //session["homepage3"] = userid;
                    //response.redirect("webform1.aspx");
                }
            }
            catch (Exception ex)
            {
                Response.Write(ex.ToString());
            }
        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            if (Check_feedback_Exists())
            {
                Response.Write("<script>alert('You have already filled
                feedback form')</script>");
            }
        }
    }
}
```

```

    }
    else
    {
        try
        {
            if (mycon.State ==
ConnectionState.Closed)    //checking that the connection between database and
our project is open or not if not then open it
            {
                mycon.Open();
            }
            //string query = select Vt_no from registration where
user_id = Session["userid"].ToString();

            MySqlCommand cmd = new MySqlCommand("insert into
feedback (Reference_Number,
Feed1,Feed2,Feed3,Feed4,Remarks_Suggestion)values(userId,'"+
RadioButtonList1.SelectedItem.Text+ "',' + RadioButtonList2.SelectedItem.Text
+ "',' + RadioButtonList3.SelectedItem.Text+ "',' +
RadioButtonList4.SelectedItem.Text+ "',' + TextBox1.Text + '');" , mycon);

            //cmd.Parameters.AddWithValue("@question1",
RadioButtonList1.SelectedItem.Text);
            //cmd.Parameters.AddWithValue("@question2",
RadioButtonList2.SelectedItem.Text);
            //cmd.Parameters.AddWithValue("@question3",
RadioButtonList3.SelectedItem.Text);
            //cmd.Parameters.AddWithValue("@question4",
RadioButtonList4.SelectedItem.Text);
            //cmd.Parameters.AddWithValue("@question5",
TextBox1.Text);

            cmd.ExecuteNonQuery();
            mycon.Close();
            Response.Write("<script> alert ('hello success');
</Script>");
        }
        catch (Exception ex)
        {
            Response.Write("<script> alert ('" + ex.Message + '');"
</Script>");
        }
    }
}

bool Check_feedback_Exists()

```

```

    {
        try
        {
            if (mycon.State == ConnectionState.Closed)    //checking that
the connection between database and our project is open or not if not then
open it
            {
                mycon.Open();
            }

            MySqlCommand cmd = new MySqlCommand("select * from feedback
where Reference_Number = '" + userId + "' ; ", mycon);
            //MySqlDataAdapter da = new MySqlDataAdapter(cmd);    //it is
used for database connectivity in a disconnected way (means as soon as query
is executed the database get deleted)
            //DataTable dt = new DataTable();    //creating a temporaray
table in database
            //da.Fill(dt);    //filling data with the value dt

            MySqlDataReader dr = cmd.ExecuteReader();
            if (dr.HasRows)
            {
                mycon.Close();
                return true;
            }
            else
            {
                mycon.Close();
                return false;
            }
        }
        catch (Exception ex)
        {
            Response.Write("<script> alert ('" + ex.Message + "');
</script>");
            return false;
        }
    }

protected void LinkButton1_Click(object sender, EventArgs e)
{
    Session["homepage3"] = userId;
    Response.Redirect("WebForm1.aspx");
}

}
}

```

Conclusion

This project has been a fantastic learning opportunity for me, since I've learned a lot about the database management, as well as numerous application architecture, database principles and web-development framework. Encountering obstacles and discovering diverse answers throughout the course of this project has given me fresh insights into the above-mentioned themes as well.

Through this training, I acquired various off-academic skills such as

- a. Time Management
- b. Self-learning
- c. Team-work and many more.

My database management theoretical knowledge came to a practical platform and I could really implement and see the application in real life. This project taught me the importance of self-learning, self-solving some problem, debugging and finding optimal procedures which can minimize the work of server side coding. Working on this project has also provided me with valuable experience and insight into the industry's workflow, which has been quite beneficial. I believe it was pivotal in the growth of my career as a software developer.

References

During the course of this project, following websites has been referred to:

1. <https://en.wikipedia.org/>
2. <https://visualstudio.microsoft.com/vs/>
3. <https://www.w3schools.com/>
4. <https://www.mysql.com/>
5. <https://stackoverflow.com/>

Thank you