### ONLINE POLLING SYSTEM USING ASP.NET

WWW.ONLINEPOLLING.COM

*Submitted in partial fulfillment of the requirements*

*for the award of the degree of*

**Bachelor of Computer Applications**

To

Guru Gobind Singh Indraprastha University, Delhi

**Guide: Submitted by:**

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**New Delhi – 110058**

**Batch (2010-2013)**

Certificate

I, Mr. Harish Singh Bisht, Roll No. 00221102010 certify that the Project Report (BCA-354) entitled “Online Polling System” is done by me and it is an authentic work carried out by me at Institute of Information Technology And Management The matter embodied in this project work has not been submitted earlier for the award of any degree to the best of my knowledge and belief.

Signature of the Student

Date:

Certified that the Project Report (BCA-354) entitled “Online Polling System” done by Mr.Harish Singh Bisht, Roll No. 00221102010 , is completed under my guidance.

Signature of the Guide

Date:

Name of the Guide: Ms Suman Singh

Designation: Assistant Professor(IT)

Countersigned

Director/Project Coordinator

**Acknowledgement**

I would like to thank our Guide, Ms. Suman Singh, for without her constant presence, support, and trust this project could not have been what it is today. Thank you for being there for me and patiently handling my slow progress.

Sincere and heart-felt thanks

Harish Singh Bisht

(00221102010)

**Synopsis**

**Problem Definition**:

Online Polling System is an online voting technique. There is a database which is maintained by the administrator in which all the username and password with complete information is stored.

In Online Polling System a user can use his\her voting right online without any difficulty. He\She has to be registered first for him/her to vote. Registration is mainly done by the user by setting his username and password and some personal information.

After registration, the user can use Username and Passwordby which he/she can use to log into the system and enjoy services provided by the system such as voting, checking results.

**Objectives & Scope**:

It is focused on studying the existing system of voting and to make sure that the peoples vote is counts, for fairness in the elective positions. Objectives of online polling system

* **Advanced technology**- It is an advanced technology used now a days. It increases the

E knowledge of the users which is very necessary for currentgeneration.

* **Internet**: It is an online facility and hence very useful for the users.

                Voters can vote from any where at any time in India.

* **E-Mails:**  polling commision of India can send the error report to a particular user if

he\she entered false information.

* Helpful for further government agencies, research, NGO

The specific objectives of the project include:

* Reviewing the existing/current Polling process
* Coming up with an automated polling system
* Ensure availability and reliability of the voting system(i.e. protection against denial-of-service attacks, hacking, and phishing
* Support the concept of secret
* Helpful for further government agencies, research, NGO
* Validating the system to ensure that only legible user are allowed to vote

**Methodology of System Design(SDLC Model)**

Iterative modal develop a system through repeated cycles as iterative life cycle model does not attempt to start with a full specification of requirements. Instead, development begins by specifying and implementing just part of the software, which can then be reviewed in order to identify further requirements. This process is then repeated, producing a new version of the software for each cycle of the model.

The iterative involves the redesign & implementation of a task from the project control list, & the analysis of the current version of the system. The goal for the design & implementation of any iteration is to be simple, straightforward, & the modular, supporting redesign at that stage of a task added to the project control list. Iterative modal involves analysis of the structure, modularity, usability, reliability, efficiency, & achievement of goals.

Changing Requirements

Requirement

Specification

Architectural Design

Detailed Design

Implementation and unit testing

Integration & system testing

Operation and Maintenance

**Iterative modal**

**Tools/platform: .**NET and At least 512 MB RAM and 2 GB space on hard disk will be required

for running the application.

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Chapter-1: Introduction/Problem Definition

* 1. **Organization Description**

In Online polling system a voter can use his\her voting right online without any difficulty. He\She has to fill a registration form to register himself\herself. All the entries is checked by the database which has already all information about the voter. If all the entries are correct then a user id and password is given to the voter, by using that id and password he\she can use his\her vote. If conditions are wrong then that entry will be discarded.

**1.1.1 Existing system**

In existing system you go to the polls, cast your vote, and then they count it and they announce the winner. There is an issue of transparency and fairness and it is the time consuming processBut in Online Polling System it overcome all the limitations

**1.1.2 History**

Polling has been used as a feature of democracy since the 6th century BC, when democracy was introduced by the Athenian democracypolling theory became an object of academic study around the time of the French Revolution. Jean-Charles de Borda proposed the Borda count in 1770 as a method for electing members to the French Academy of Sciences. His system was opposed by the Marquis de Condorcet, who proposed instead the method of pairwise comparison that he had devised. Implementations of this method are known as Condorcet methods. He also wrote about the Condorcet paradox, which he called the intransitivity of majority preferences.

**1.1.3 Definitions of problems**

• **Not User Friendly:** The existing system is not user friendly because the  retrieval of data is

very slow and data is not maintained efficiently.

• **Difficulty in report generating:** We require more calculations to generate the    final result

so it is generated at the end of the session. And the voter not get single chance to change

his\her vote.

•**Time consuming**: Every work is done manually so we cannot generate report in the middle

of the session or as per the requirement because it is very time consuming.

* 1. **About the proposed system**

**1.2.1 AIM**

The purpose of this project is to provide an online polling system for the polling department. The polling department has so far been using a paper voting system, which made it difficult for full participation and lack of automated style. The online polling system will help improve these difficulties by providing automated system through any web browser. The voters can vote on a particular subject and view the current polls. The administrators can create polls or delete polls from the database. The system will also keep track of non-voters so that proper notifications can be sent to those users upon deadline. This system will provide an up-to-date result of the poll while providing a simple interface for both administrators and voters.

Online Polling System is a platform where people can give there opinion about the ongoing

agenda.

**1.2.2 Objectives:**

* Reviewing the existing/current Polling process
* Coming up with an automated polling system
* Ensure availability and reliability of the voting system(i.e. protection against denial-of-service attacks, hacking, and phishing
* Ensure Authenticity of the voter (or the voting client acting on behalf of the voter
* Support the concept of secret
* Helpful for further government agencies, research, NGO
* Validating the system to ensure that only legible user are allowed to vote.

**1.2.3 Goals:**

* **Accuracy**: -The level of accuracy in the proposed system will be higher. All operation would be done correctly and it ensures that whatever information is coming from the center is accurate.
* **Reliability**: - The reliability of the proposed system will be high due to the above stated reasons. The reason for the increased reliability of the system is that now there would be proper storage of information.
* **No Redundancy**: - In the proposed system utmost care would be that no information is repeated anywhere, in storage or otherwise. This would assure economic use of storage space and consistency in the data stored.
* **Immediate retrieval of information**: - The main objective of proposed system is to provide for a quick and efficient retrieval of information.
* **Immediate storage of information**: - In manual system there are many problems to store the largest amount of information.
* **Easy to Operate**: - The system should be easy to operate and should be such that it can be developed within a short period of time and fit in the limited budget of the user.

**1.2.4 Scope**:

* **Advanced technology**- It is an advanced technology used now a days. It increases the

E knowledge of the users which is very necessary for current generation.

* **Internet**: It is an online facility and hence very useful for the users.

                Voters can vote from any where at any time in India.

* **E-Mails:**  polling commision of India can send the error report to a particular user if he\she entered false information.
* **E-SMS:** People they have not internet connection  they can not check the emails or not have email they can be informed by SMS on their mobile. Today many websites provide free SMS to the mobile polling commision of india can use these to send any information.
* Helpful for further government agencies, research, NGO

**1.2.5 Advantages**:

* Fast and easy service.
* The online voting system provides a less time consuming .
* It reduces the paper work
* It is a better way for polling.
* By this voting percentage will increase drastically
  1. **Methodology of data collection**

**1.3.1Data collection**

Methods of collecting data in this project:-Secondary data collection technique in this project, through document analysis or published data or both. In either case, the method and source used must be mentioned with proper references

We collected data from some websites which are already there on server, which are online polling system

1. vote-now.com/index.html
2. http://www.ldu.leeds.ac.uk/polls/
3. www.gsmarena.com
   1. **Methodology of System Design(SDLC Model)**

Iterative modal develop a system through repeated cycles as iterative life cycle model does not attempt to start with a full specification of requirements. Instead, development begins by specifying and implementing just part of the software, which can then be reviewed in order to identify further requirements. This process is then repeated, producing a new version of the software for each cycle of the model.

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Changing Requirements

Requirement

Specification

Architectural Design

Detailed Design

Implementation and unit testing

Integration & system testing

Operation and Maintenance

Figure 1.1 Iterative modal

**Reasons of choosing Iterative model**

1. Any difficulty in design, coding and testing a modification should single the need for redesign or re-coding
2. Modification should fit easily into isolated and easy to find modules. If they do not, some redesign is possibly needed
3. Modification to tables should be especially easy to make. If any table modification is not quickly and easily done, redesign is indication
4. The existing implementation should be analyzed frequently to determine how well it measures up to project goals
5. Program analysis facilitates should be used whenever available to aid in the analysis of partial implementation
   1. **System requirement tools**

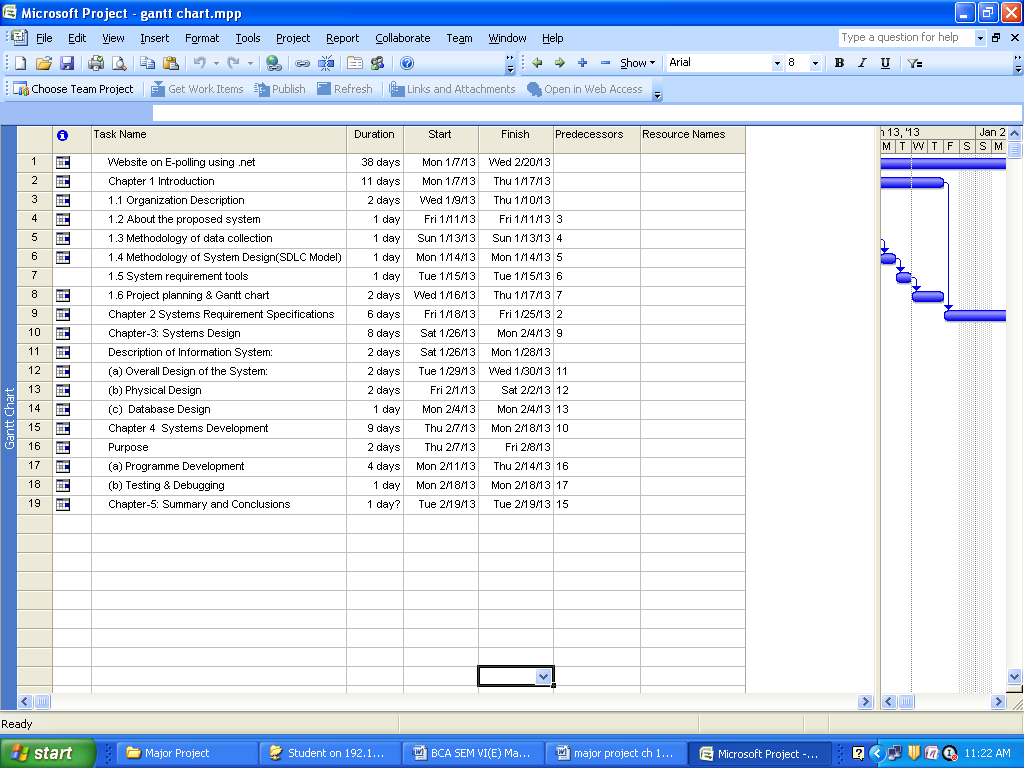
**1.5.1 Hardware Interfaces**

|  |  |
| --- | --- |
| RAM | 1GB |
| Hard Disk | 5GB |
| Processor | Intel Celeron 1.5 GHz |

**1.5.2 Software Interfaces**

|  |  |
| --- | --- |
| Front End | Visual Studio 2010 |
| Back End | SQL Server 2010 |
| Web Server | IIS |
| Operating System | Microsoft Windows XP and Above |

* 1. **Project planning & Gantt chart**

****

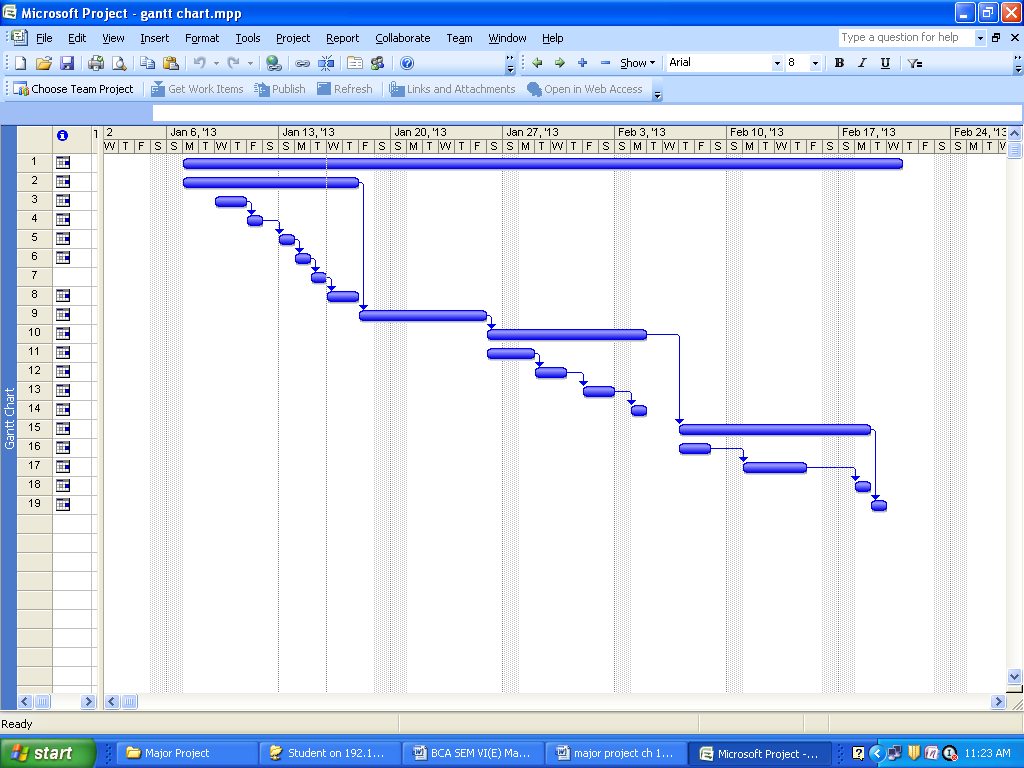
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Figure 1.2Gantt Chart

**Chapter-2:**

**Systems Requirement Analysis**

**2.1 Introduction**

A software requirements specification (SRS) is a complete description of the behavior of the system to be developed. This Software Requirement Specification is written in accordance with the IEEE STD 830-1998 model.

**2.1.1 SRS Used in the project**

The following subsections of Software Requirement Specifications Document should facilitate in providing the entire overview of the Information system “Online Polling System” under development. This document aims at defining the overall software requirements for user. Efforts have been made to define the requirements of the Information system exhaustively and accurately.

**2.2Purpose**

The main purpose of Software Requirement Specifications Document is to describe in a precise manner all the capabilities that will be provided by the Web Application “Online Polling System”. It also states the various constraints which the system will be abide to. This document further leads to clear vision of the software requirements, specifications and capabilities. These are to be exposed to the development, testing team and end users of the software

**2.3 Scope**

* **Advanced technology**- It is an advanced technology used now a days. It increases the

E knowledge of the users which is very necessary for current generation.

* **Internet**: It is an online facility and hence very useful for the users.

                Voters can vote from any where at any time in India.

* **E-Mails:**  polling commision of India can send the error report to a particular user if he\she entered false information.
* **E-SMS:** People they have not internet connection  they can not check the emails or not have email they can be informed by SMS on their mobile. Today many websites provide free SMS to the mobile polling commision of india can use these to send any information.
* Helpful for further government agencies, research, NGO

**2.4Definition, acronyms, abbreviations**

IEEE : The Institute of Electrical and Electronics Engineers

SRS: Software Requirements Specification

* 1. **References**

1. vote-now.com/index.html

2) http://www.ldu.leeds.ac.uk/polls/

3)www.gsmarena.com

1. http://www.micropoll.com/ visited on (15-Jan-2013)

**2.6Overview**

The rest of this SRS document describes the various system requirements, interfaces, features and functionality in detail.

**2.7 Overall description of proposed system**

This section contains the details about all the processes that are performed in theweb application and also tells us about the input and output identification i.e. what is theinput being given and what is the desired output.

**1. Register**

**Input:** Name,Email\_id,Password,security question, security answer

**Process:**application can put these data in the database

**Output:** Successful login

**2. Login**

**Input:**User name , Password

**Process:** check in the database

**Output:** If the process is successful then the result is sucessful login

**3. Polling**

**Input:**Selecting form list of choices

**Process:** Increment and Decrement of results can be done on database

**Output:** If the process is successful the result is update information

**2.8 Product Perspective**

The application will be Web-based

Front End Client Application (with data entry / update /delete /view and reporting facility)

Backend Database

**2.9 System Interfaces**

None

**2.10 Interfaces**

**2.10.1 Hardware Interfaces**

|  |  |
| --- | --- |
| RAM | 1GB |
| Hard Disk | 5GB |
| Processor | Intel Celeron 1.5 GHz |

**2.10.2 Software Interfaces**

|  |  |
| --- | --- |
| Front End | Visual Studio 2010 |
| Back End | SQL Server 2010 |
| Web Server | IIS |
| Operating System | Microsoft Windows XP and Above |

**2.10.3Communication Interfaces**

Internet or Local host

**2.11 Memory Constraints**

At least 256 MB RAM and 5 GB space on hard disk will be required for running the web application.

**2.12 Operations**

This product will not cover any automated housekeeping aspects of database.

The DBA will be manually deleting old/ non required data.

Database backup and recovery will also have to be handled by DBA.

**2.13 Site Adaptation Requirement**

The terminals at client side will have to support the hardware and software

interfaces specified.

**2.14 Product functions**

The system will allow access only to authorized users with specific roles

(Administrator, Operator). Depending upon the user’s role, he/she will be able to access

only specific modules of the system.

A summary of the major functions that the software will perform:

(i) A Login facility for enabling only authorized access to the system.

(ii) Users (with role operator) will add/update/delete the stored information and so on

* 1. **User Characteristics**

2.15.1 Educational Level: At least graduate and should be comfortable with

English Language.

* + 1. Technical Expertise: Should be a high or middle level employee of the

Organization comfortable with using general purpose applications on a

computer

**2.16 Constraints**

GUI is only in English.

**2.17 Assumptions and Dependencies**

None

**2.18 Apportioning Requirement**

Not Required

**2.19 Specific Requirements**

This section contains the software requirements to a level of detail sufficientto enable

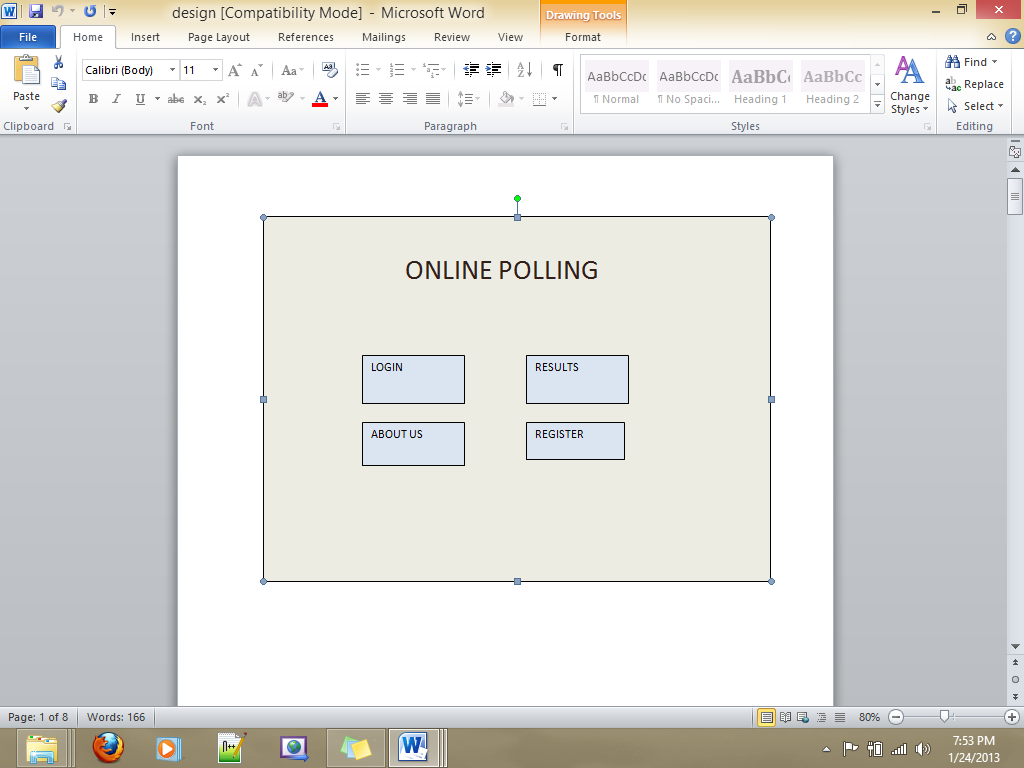
designers to design the system, and testers to test the system.

**2.20 External Interfaces**

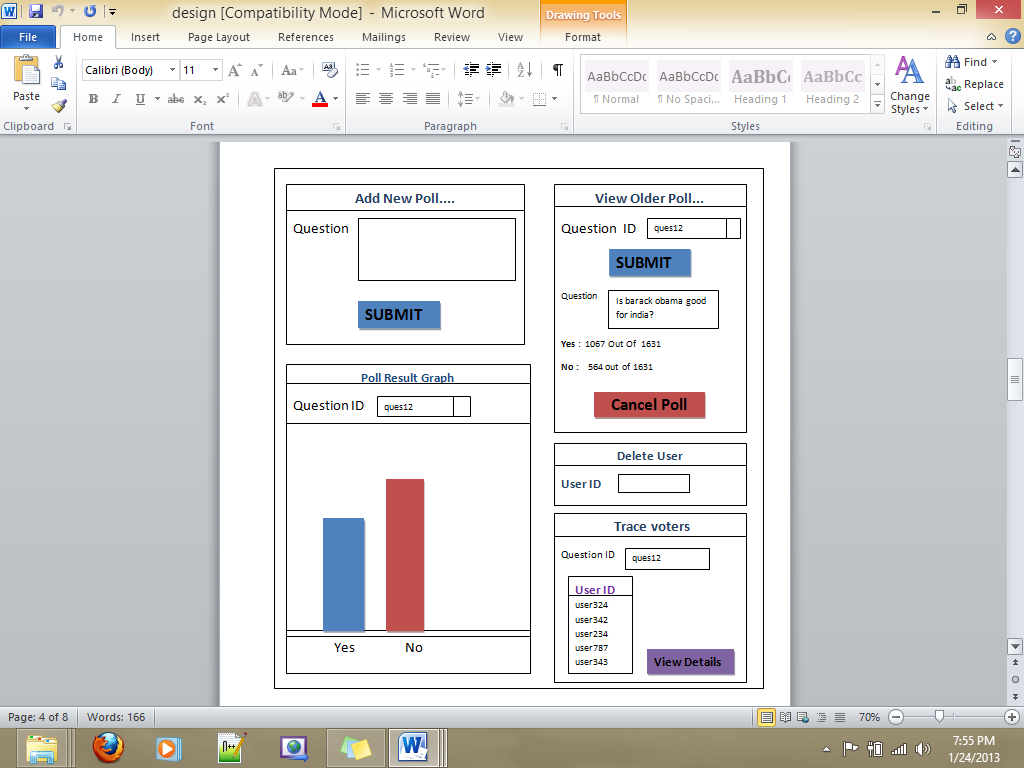
This interface will be the actual interface through which the administratorwill communicate with the application and perform the desired tasks. The following screens will be provided:

**2.21 User Interfaces**

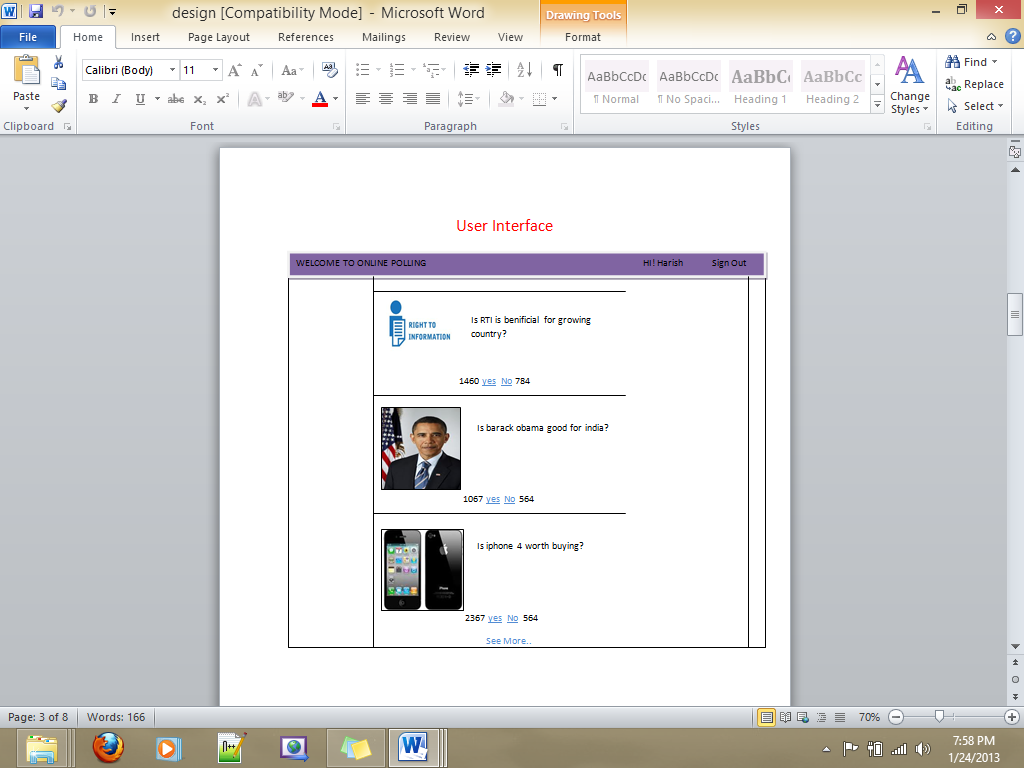
**Main Screen**



**Administrator Screen**



**Polling Screen**



**2.22 Hardware Interfaces**

**Hardware Tools**

|  |  |
| --- | --- |
| RAM | 1GB |
| Hard Disk | 5GB |
| Processor | Intel Celeron 1.5 GHz |

**2.23 Software interfaces**

**Software Tools**

|  |  |
| --- | --- |
| Front End | Visual Studio 2010 |
| Back End | SQL Server 2010 |
| Web Server | IIS |
| Operating System | Microsoft Windows XP and Above |

**2.24 Communication Interfaces**

None

**2.25 System Features**

1. **Register**

**Description:-** In this module the user enters the details like username ,password,

Email id, security question and answer

**Validity checks**

* Any textbox cannot be left blank.
* Password can contain more then 6 character

**Error Handling / Response to abnormal situations**

If any of the above validations/sequencing flow does not hold true,appropriate error messages will be prompted to the user for doing the needful.

1. **Login**

**Description:-** The module provides the facility to login. This module can contain

two text box first for username and second for password.

**Validity checks**

* Any textbox cannot be left blank.

**Error Handling / Response to abnormal situations**

If any of the above validations/sequencing flow does not hold true, appropriate error messages will be prompted to the user for doing theneedful.

1. **Polling**

**Description:-**This module can contain the question for polling in which the user can give their reviews in given options

**Validity checks**

* User can able to tick only in one box either its yes or no

**Error Handling / Response to abnormal situations**

If any of the above validations/sequencing flow does not hold true, appropriate error messages will be prompted to the user for doing theneedful.

**2.26 Performance Requirements**

None

**2.27 Logical Database Requirements**

The proposed information system contains the following data tables in its database

collection.

**2.27.1 Question Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **QUESTIONTABLE** | | | | |
| **Field Name** | **Field Type** | | **Field Size(No of Character)** | **Description** |
| ID | | VARCHAR | 10 | Unique question id for polling |
| QUESTION | | VARCHAR | 50 | This is the actual question |
| CATEGORY | | VARCHAR | 10 | This is the category of the question like educational, politics etc |
| CHOICE 1 | | VARCHAR | 20 | It contain the choice 1 text |
| CHOICE 2 | | VARCHAR | 20 | It contain the choice 2 text |
| CHOICE 3 | | VARCHAR | 20 | It contain the choice 3 text |
| CHOICE 4 | | VARCHAR | 20 | It contain the choice 4 text |

**2.27.2 User Table/ Registration/ Signup**

|  |  |  |  |
| --- | --- | --- | --- |
| **USER TABLE** | | | |
| **Field Name** | **Field Type** | **Field Size(No of Character)** | **Description** |
| ID | VARCHAR | 10 | It contains the unique user id which is choosen by user |
| NAME | CHAR | 20 | It contain the name of the user |
| EMAIL\_ID | VARCHAR | 30 | It contain the email id of user |
| PASSWORD | VARCHAR | 20 | It contain the password of user |
| SEQURITY QUESTION | VARCHAR | 30 | It contain the sequrity question. It is used at the time of recovery of account |
| ANSWER | VARCHAR | 20 | It contain the answer. . It is used at the time of recovery of account |

**2.27.3 Login Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **LOGIN TABLE** | | | |
| **Field Name** | **Field Type** | **Field Size(No of Character)** | **Description** |
| ID | VARCHAR | 10 | It contains the unique user id which is choosen by user |
| PASSWORD | VARCHAR | 20 | It contain the password of user |

**2.27.4 Poll Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **POLL TABLE** | | | |
| **Field Name** | **Field Type** | **Field Size(No of Character)** | **Description** |
| QUESTION \_ID | VARCHAR | 10 | Unique question id for polling |
| USER\_ID | VARCHAR | 10 | It contains the unique user id which is choosen by user |
| CHOICE | BOOLEAN | 1 | It contain the result in 1,2,3,4 |

**2.27.5 Result Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **RESULT TABLE** | | | |
| **Field Name** | **Field Type** | **Field Size(No of Character)** | **Description** |
| QUESTION \_ID | VARCHAR | 10 | Unique question id for polling |
| CHOICE 1 | INT | 5 | It contain the total no of vote in choice 1 |
| CHOICE 2 | INT | 5 | It contain the total no of vote in choice 2 |
| CHOICE 3 | INT | 5 | It contain the total no of vote in choice 3 |
| CHOICE 4 | INT | 5 | It contain the total no of vote in choice 4 |

**2.27.6Feedback Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **FEEDBACK TABLE** | | | |
| **Field Name** | **Field Type** | **Field Size(No of Character)** | **Description** |
| S.NO | VARCHAR | 10 | It contain the S.no |
| FEEDBACK | VARCHAR | 100 | It contain the feedback text |
| USER ID | VARCHAR | 20 | It contain the user id |

**2.28 Design Constraints**

Best view on 1024 x 768

**2.29 Software System Attributes**

* Reliability

This application is a reliable product that produces fast and verified

output of all its processes.

* Availability

This application will be available to use for our users and help them

to carry out their operations conveniently.

* Security

The application will be password protected. User will have to enter

correct username, password for poll and role in order to access the

application.

* Maintainability

The application will be designed in a maintainable manner. It will be

easy to incorporate new requirements in the individual modules.

* Portability

The application will be easily portable on any web-based system

that has SQLExpress installed.

**2.30 Other Requirements**

None

## Chapter-3:

## Systems Design

**Description of Information System**:

**3.1 Overall Design of the System**

**3.1.1 Description of the functioning of information system under study in narrative**

**form in Details. Functional ‘Block Diagram’.**

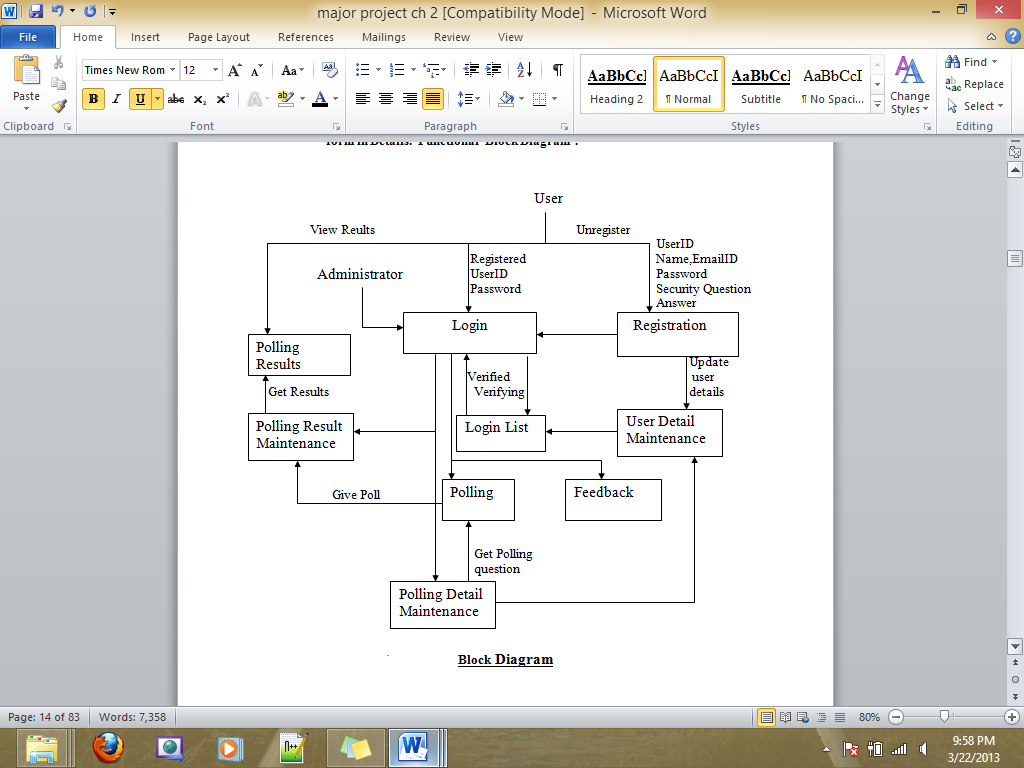


Figure 3.1 Block Diagram

**3.1.2 Physical Design**

**3.1.2.1 Use Case Diagram**

USER

ADMINISTRATOR

Figure 3.2 Use Case Diagram

**3.1.2.2 Activity Diagram**

**3.1.2.2.1Activity diagram for Login**

(Check Login detail)

Verify from the datbase

Enter Userid and password

Verify &

Verified

Login Successful

Start

End

Figure 3.3Activity diagram for Login

**3.1.2.2.2Activity diagram for Registration**

Start

User fills out registration form

NO ACCOUNT EXISTS FOR USERID PROVIDED

ELSE

Validate user informtion

ELSE

Valid

Show error message

Registered &

Redirect to Login page

END

Figure 3.4 Activity diagram for Registration

**3.1.2.2.2Activity diagram for Polling**

Start

Get Question Details

User Gives Feedback by selecting from the list of options

ELSE

Feed the result in database

ELSE

Valid

Redirect to next question

Show error message

END

Figure 3.5Activity Diagram for Polling

**3.1.2.3 Sequence Diagram**

**3.1.2.3.1 Login Sequence Diagram:**

End System Call

Successfully Logged In

Valid User Id & Password

Re-Enter User Details

Ask to Enter Valid Details

Enter User Id & Password

USER SYSTEM DATABASE

Verify User Id & Password

Invalid User Id & Password

Verify User Id & Password

Figure 3.6 Sequence Diagram of Login

**3.1.2.3.2Registration Sequence Diagram:**

End System Call

Successfully Registered

Registration detail is valid

Fill registration form

USER SYSTEM DATABASE

Verify registraton detail

Invalid registraton detail

Ask to Enter Valid Registration Details

Re-Enter Registration Details

Verify registraton detail

Figure 3.7 Sequence Diagram of Registration

**3.1.2.3.3Polling Sequence Diagram:**

category is valid

USER SYSTEM DATABASE

Request for new question

Verify quetion category

Invalid question category

Ask for other category

Re-Enter category

Verify category

Question shown successfully

User gives feedback

Verify option is selected

valid

Polling sucessful

End System Call

Figure 3.8 Sequence Diagram of Polling

**3.1.2.4 ER Diagram**

User

Question

**N N**

**1**

perform

calls

Raise

Result

**1**

Gives

**1**

**1 N**

**1**

Polling

Login

Figure 3.9 ER Diagram

**3.2 Physical Design**

**3.2.1 Site Map**

Main Page

Feedback

Polling

Register

About us

History

Educational

Login

Features

Forget Password

Political

AIM

Lifestyle

Advantages

About Project

Figure 3.10 Site Map

**3.3 Database Design**

**3.3.1 Question Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **QUESTIONTABLE** | | | | |
| **Field Name** | **Field Type** | | **Field Size(No of Character)** | **Description** |
| ID | | VARCHAR | 10 | Unique question id for polling |
| QUESTION | | VARCHAR | 50 | This is the actual question |
| CATEGORY | | VARCHAR | 10 | This is the category of the question like educational, politics etc |
| CHOICE 1 | | VARCHAR | 20 | It contain the choice1 text |
| CHOICE 2 | | VARCHAR | 20 | It contain the choice2 text |
| CHOICE 3 | | VARCHAR | 20 | It contain the choice3 text |
| CHOICE 4 | | VARCHAR | 20 | It contain the choice4 text |

Table 3.1 Question Table

**3.3.2 User Table/ Registration/ Signup**

|  |  |  |  |
| --- | --- | --- | --- |
| **USER TABLE** | | | |
| **Field Name** | **Field Type** | **Field Size(No of Character)** | **Description** |
| ID | VARCHAR | 10 | It contains the unique user id which is choosen by user |
| NAME | CHAR | 20 | It contain the name of the user |
| EMAIL\_ID | VARCHAR | 30 | It contain the email id of user |
| PASSWORD | VARCHAR | 20 | It contain the password of user |
| SEQURITY QUESTION | VARCHAR | 30 | It contain the sequrity question. It is used at the time of recovery of account |
| ANSWER | VARCHAR | 20 | It contain the answer. . It is used at the time of recovery of account |

Table 3.2 User Table/ Registration/ Signup

**3.3.3 Login Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **LOGIN TABLE** | | | |
| **Field Name** | **Field Type** | **Field Size(No of Character)** | **Description** |
| ID | VARCHAR | 10 | It contains the unique user id which is choosen by user |
| PASSWORD | VARCHAR | 20 | It contain the password of user |

Table 3.3 Login Table

**3.3.4 Poll Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **POLL TABLE** | | | |
| **Field Name** | **Field Type** | **Field Size(No of Character)** | **Description** |
| QUESTION \_ID | VARCHAR | 10 | Unique question id for polling |
| USER\_ID | VARCHAR | 10 | It contains the unique user id which is choosen by user |
| CHOICE | BOOLEAN | 1 | It contain the result in 1,2,3,4 |

Table 3.4 Poll Table

**3.3.5 Result Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **RESULT TABLE** | | | |
| **Field Name** | **Field Type** | **Field Size(No of Character)** | **Description** |
| QUESTION \_ID | VARCHAR | 10 | Unique question id for polling |
| CHOICE1 | INT | 5 | It contain the total no of choice1 |
| CHOICE2 | INT | 5 | It contain the total no of choice2 |
| CHOICE3 | INT | 5 | It contain the total no of choice3 |
| CHOICE4 | INT | 5 | It contain the total no of choice4 |

Table 3.5 Result Table

**3.3.5 Feedback Table**

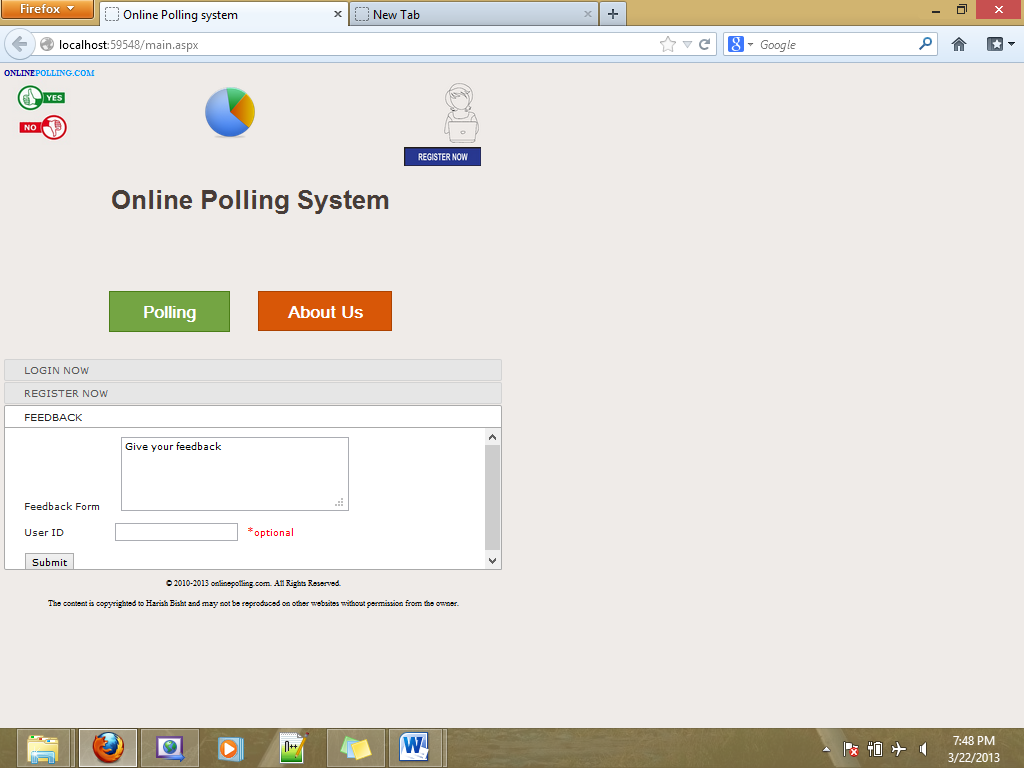
|  |  |  |  |
| --- | --- | --- | --- |
| **FEEDBACK TABLE** | | | |
| **Field Name** | **Field Type** | **Field Size(No of Character)** | **Description** |
| S.NO | VARCHAR | 10 | It contain the S.no |
| FEEDBACK | VARCHAR | 100 | It contain the feedback text |
| USER ID | VARCHAR | 20 | It contain the user id |

Table 3.6 Feedback Table

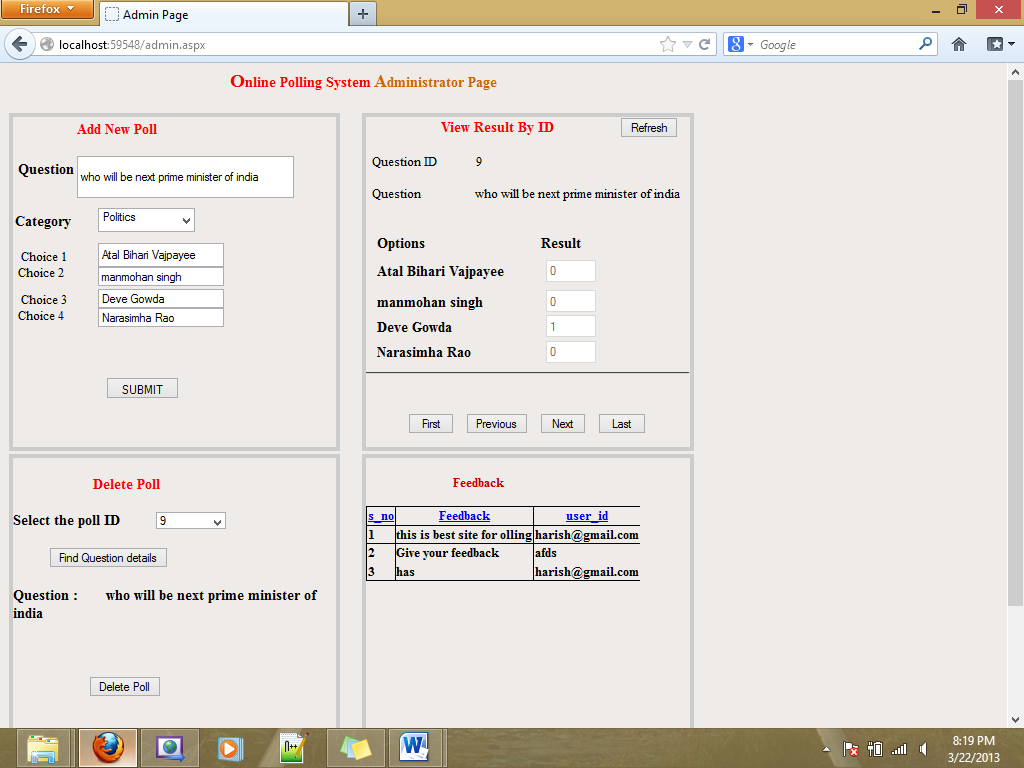
**3.4 Interface Design**

The interface design consists of the input and output source layouts. i.e. the input forms and screens and the report layouts that form as a source of outcome and income in the design and implementation of the information system under study

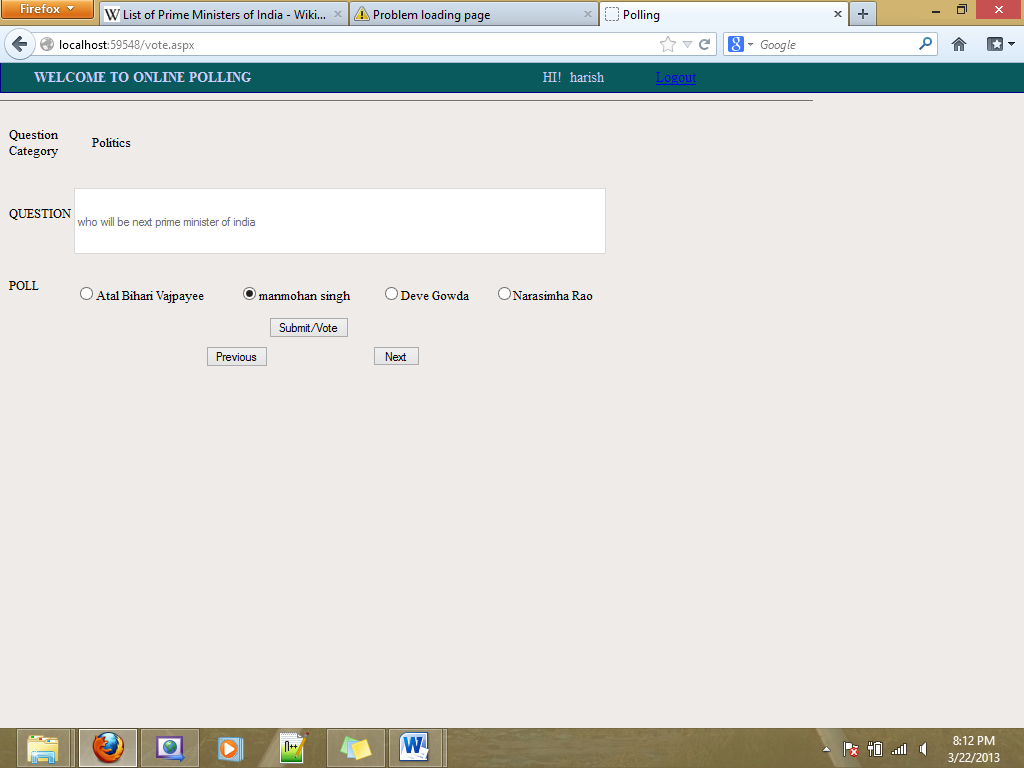
**Main Screen**



**Administrator Screen**



**Polling Screen**



### Chapter-4:

### Systems Development

The basic purpose of designing & implementing the proposed system is to automate the process of day-to-day activities. The manual handling of the record is time consuming & highly prone to errors.

The complete set of rules & procedures related to online polling for day to day activities is the basis for our system. Our project gives a brief idea regarding online polling system.

**4.1Program Development**

**4.1.1 Main page**

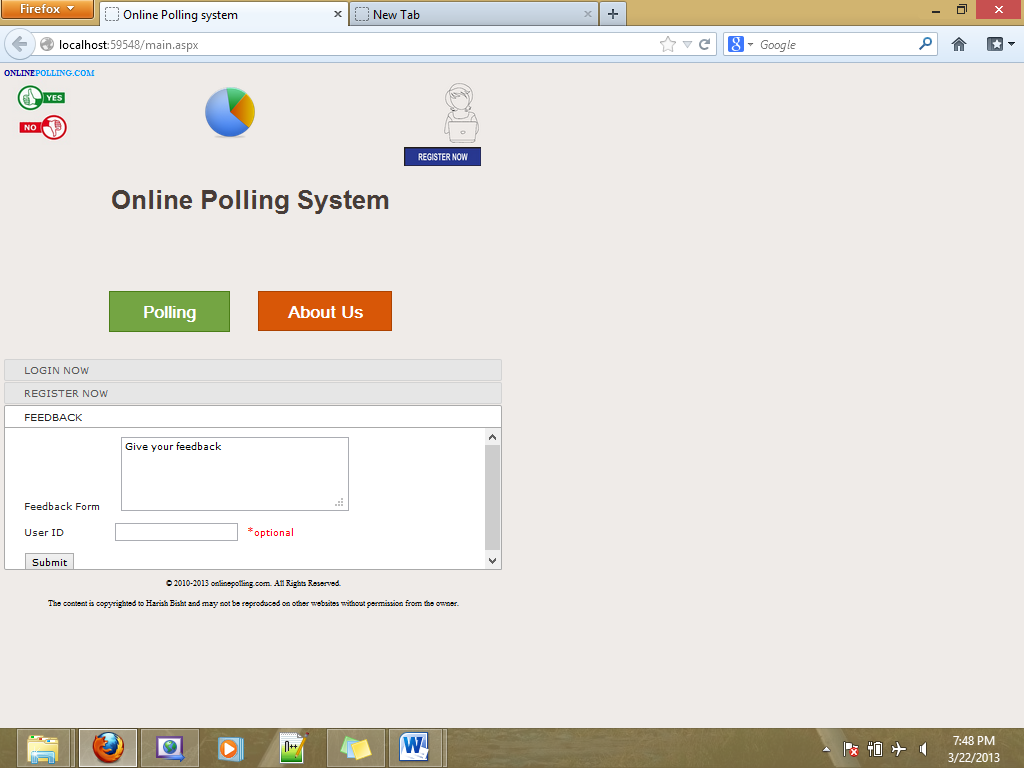


Figure 4.1Main page

**Code:**

**Main.aspx**

<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="main.aspx.vb" Inherits="Online\_Polling\_System.WebForm1" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<link href="css/styles.css" rel="stylesheet" type="text/css" />

<link href="css/about.css" rel="stylesheet" type="text/css" />

<script src="script/JScript1.js" type="text/javascript"></script>

<script src="script/JScript2.js" type="text/javascript"></script>

<script>

$(function () {

$("#accordion").accordion();

});

</script>

<title>Online Polling system</title>

<style type="text/css">

.style2

{

width: 1088px;

text-align: center;

}

.style4

{

width: 1088px;

height: 120px;

}

.style7

{

width: 1088px;

height: 24px;

margin-left: 40px;

margin-right :40px;

}

.style10

{

width: 1088px;

height: 115px;

}

.newStyle1

{

font-weight: bold;

font-style: normal;

font-variant: normal;

}

.style11

{

color: #000099;

}

.style14

{

color: #0099FF;

text-align: right;

}

.style15

{

width: 96px;

height: 129px;

}

.style16

{

color: #FF0000;

}

</style>

</head>

<link href="css/styles.css" rel="stylesheet" type="text/css" />

<body>

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

<span class="newStyle1"><span class="style11">ONLINE</span><span

class="style14">POLLING.COM</span></span><table

style="width: 99%; height: 445px;">

<tr>

<td class="style7">

<span class="newStyle1"><span class="style14">&nbsp;&nbsp;

<asp:Image ID="Image2" runat="server" ImageUrl="~/images/onlyyesno.jpg" />

<asp:Image ID="Image1" runat="server" ImageUrl="~/images/graph.png" />

<img class="style15" src="images/poll1.png" <asp:ImageButton ID="ImageButton1" runat="server" Height="38px"

ImageUrl="~/images/register.jpg" Width="154px"

PostBackUrl="~/Register.aspx" />

</span></span>

</td>

</tr>

<tr>

<td class="style4" bgcolor="#EFEBE8"

style="color: #473D38; font-weight: bolder; font-size: 51px; font-family: sans-serif; font-style: normal; text-align: center;">

Online Polling System</td>

</tr>

<tr>

<td class="style10">

&nbsp;</td>

</tr>

<tr>

<td class="style2">

<asp:Button ID="Button1" runat="server" Text="Polling" Height="81px"

style="margin-top: 0px" Width="242px" BorderStyle="Solid" Font-Bold="True"

Font-Size="XX-Large" ForeColor="White" BackColor="#74A543"

BorderColor="#4B7E17" PostBackUrl="~/Login.aspx" />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp;

<asp:Button ID="Button2" runat="server" BackColor="#D85707"

BorderColor="#AD4200" Font-Bold="True" Font-Size="XX-Large" ForeColor="White"

Height="80px" style="margin-top: 0px" Text="About Us" Width="269px"

BorderStyle="Solid" PostBackUrl="~/about.aspx" />

</td>

</tr>

</table>

<p>

&nbsp;</p>

<div id="accordion">

<h3> LOGIN NOW </h3>

<div>

<p>

&nbsp;Click on login for give your poll&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:LinkButton ID="LinkButton1" runat="server" PostBackUrl="~/Login.aspx">Login</asp:LinkButton>

</p>

</div>

<h3> REGISTER NOW</h3>

<p>

&nbsp; Not Registered? get register for free&nbsp;&nbsp;&nbsp;&nbsp;

<asp:LinkButton ID="LinkButton2" runat="server" PostBackUrl="~/Register.aspx">Register</asp:LinkButton>

&nbsp;</p>

<h3> FEEDBACK </h3>

<p>

Feedback Form

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox1" runat="server" Height="136px" Width="444px"

TextMode="MultiLine">Give your feedback</asp:TextBox>

<br />

<br />

User ID&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>

&nbsp; <span class="style16">\*optional</span>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<br />

<br />

<asp:Button ID="Button3" runat="server" Text="Submit" />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

</p>

</div>

</form>

<p>

<center>© 2010-2013 onlinepolling.com. All Rights Reserved.</center><br />

<center>The content is copyrighted to Harish Bisht and may not be reproduced on other websites without permission from the owner.

</center></p>

</body>

</html>

**Main.aspx.vb**

Imports System.Data.SqlClient

Imports System.Data

Public Class WebForm1

Inherits System.Web.UI.Page

Protected Sub Page\_Load(ByVal sender As Object, ByVal e As EventArgs) Handles Me.Load

End Sub

Protected Sub Button1\_Click(sender As Object, e As EventArgs) Handles Button1.Click

'E:\Pramod data\HARISH\sem 6\major project code\Online Polling System\Online Polling System\about.htm

End Sub

Protected Sub Button3\_Click(sender As Object, e As EventArgs) Handles Button3.Click

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

con.Open()

Dim ada As New SqlDataAdapter("select \* from feedback", con)

Dim dt As New DataTable()

ada.Fill(dt)

'MsgBox(dt.Rows.Count - 1)

'MsgBox(dt.Rows(dt.Rows.Count - 1)(0))

Dim s\_no As Integer

s\_no = CInt(dt.Rows(dt.Rows.Count - 1)(0)) + 1

Dim cmd As New SqlCommand

cmd.Connection = con

cmd.CommandText = CommandType.Text

cmd.CommandText = "INSERT INTO feedback VALUES('" & s\_no & "','" & TextBox1.Text & "','" & TextBox2.Text & "')"

Try

cmd.ExecuteNonQuery()

ScriptManager.RegisterStartupScript(Me, [GetType](), "showalert", "alert('feedback is submitted');", True)

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

End Class

**4.1.2 About page**

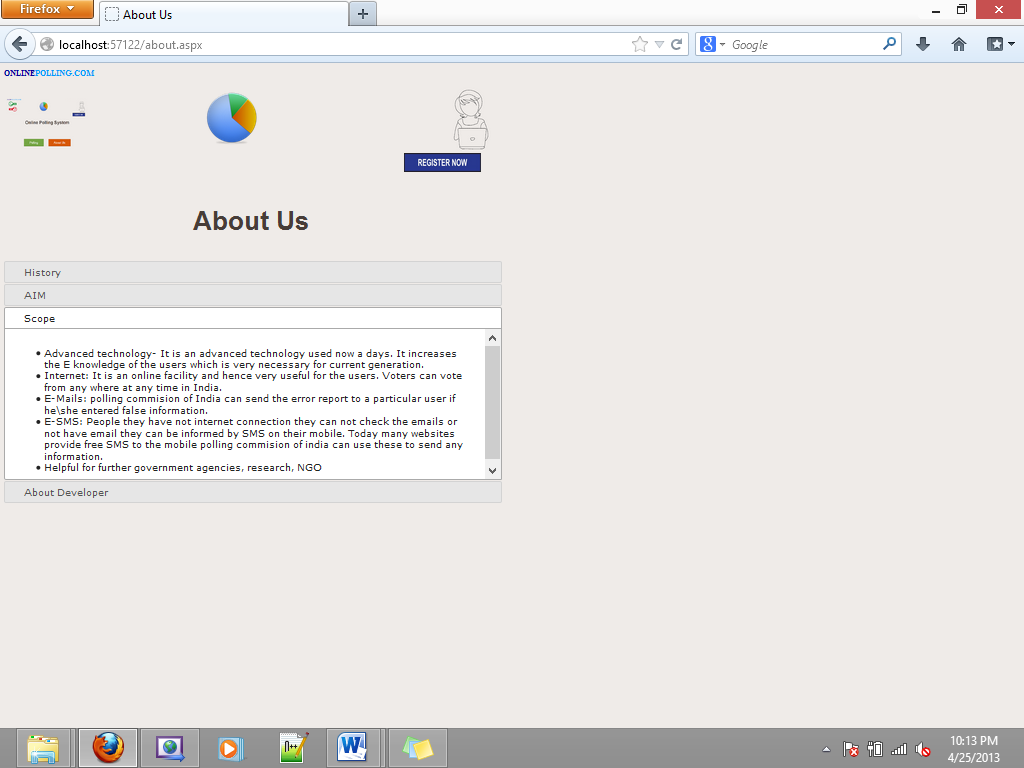


Figure 4.2About page

**Code:**

**About.aspx**

<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="about.aspx.vb" Inherits="Online\_Polling\_System.about" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<head>

<title>About Us</title>

<link href="css/styles.css" rel="stylesheet" type="text/css" />

<link href="css/about.css" rel="stylesheet" type="text/css" />

<script src="script/JScript1.js" type="text/javascript"></script>

<script src="script/JScript2.js" type="text/javascript"></script>

<script>

$(function () {

$("#accordion").accordion();

});

</script><style type="text/css">

.newStyle1

{

font-weight: bold;

font-style: normal;

font-variant: normal;

}

.style11

{

color: #000099;

}

.style14

{

color: #0099FF;

text-align: right;

}

.style7

{

width: 1088px;

height: 24px;

margin-left: 40px;

margin-right :40px;

}

.style15

{

width: 96px;

height: 129px;

}

.style4

{

width: 1088px;

height: 120px;

}

</style>

</head>

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

<span class="newStyle1"><span class="style11">ONLINE</span><span

class="style14">POLLING.COM</span></span><table

style="width: 99%; height: 363px;">

<tr>

<td class="style7">

<span class="newStyle1"><span class="style14">

<asp:Image ID="Image2" runat="server" ImageUrl="~/images/onlyyesno.jpg" />

<asp:Image ID="Image1" runat="server" ImageUrl="~/images/graph.png" />

<img class="style15" src="images/poll1.png" <asp:ImageButton ID="ImageButton1" runat="server" Height="38px"

ImageUrl="~/images/register.jpg" Width="154px"

PostBackUrl="~/Register.aspx" />

</span></span>

</td>

</tr>

<tr>

<td class="style4" bgcolor="#EFEBE8"

style="color: #473D38; font-weight: bolder; font-size: 51px; font-family: sans-serif; font-style: normal; text-align: center;">

About Us</td>

</tr>

</table>

</form>

<div id="accordion">

<h3> History</h3>

<div>

<p>

Polling has been used as a feature of democracy since the 6th century BC, when democracy was introduced by the Athenian democracy

polling theory became an object of academic study around the time of the French Revolution. Jean-Charles de Borda proposed the Borda count in 1770 as a method for electing members to the French Academy of Sciences. His system was opposed by the Marquis de Condorcet, who proposed instead the method of pairwise comparison that he had devised. Implementations of this method are known as Condorcet methods. He also wrote about the Condorcet paradox, which he called the intransitivity of majority preferences.

</p>

</div>

<h3> AIM</h3>

<div>

<p>

The purpose of this project is to provide an online polling system for the polling department. The polling department has so far been using a paper voting system, which made it difficult for full participation and lack of automated style. The online polling system will help improve these difficulties by providing automated system through any web browser. The voters can vote on a particular subject and view the current polls. The administrators can create polls or delete polls from the database. The system will also keep track of non-voters so that proper notifications can be sent to those users upon deadline. This system will provide an up-to-date result of the poll while providing a simple interface for both administrators and voters.

Online Polling System is a platform where people can give there opinion about the ongoing

agenda.

</p>

</div>

<h3> Scope</h3>

<div>

<p>

<ul>

<li> Advanced technology- It is an advanced technology used now a days. It increases the

E knowledge of the users which is very necessary for current generation.</li>

<li>Internet: It is an online facility and hence very useful for the users.

Voters can vote from any where at any time in India.</li>

<li>E-Mails: polling commision of India can send the error report to a particular user if he\she entered false information.</li>

<li>E-SMS: People they have not internet connection they can not check the emails or not have email they can be informed by SMS on their mobile. Today many websites provide free SMS to the mobile polling commision of india can use these to send any information.</li>

<li >Helpful for further government agencies, research, NGO</li>

</ul>

</p>

</div>

<h3>About Developer</h3>

<div>

<p>

<li>Harish Singh Bisht</li>

<li>BCA E 6th SEM</li>

<li>00221102010</li>

<li>IITM</li>

</p>

</div>

</div>

</body>

</html>

**4.1.3 Login page**

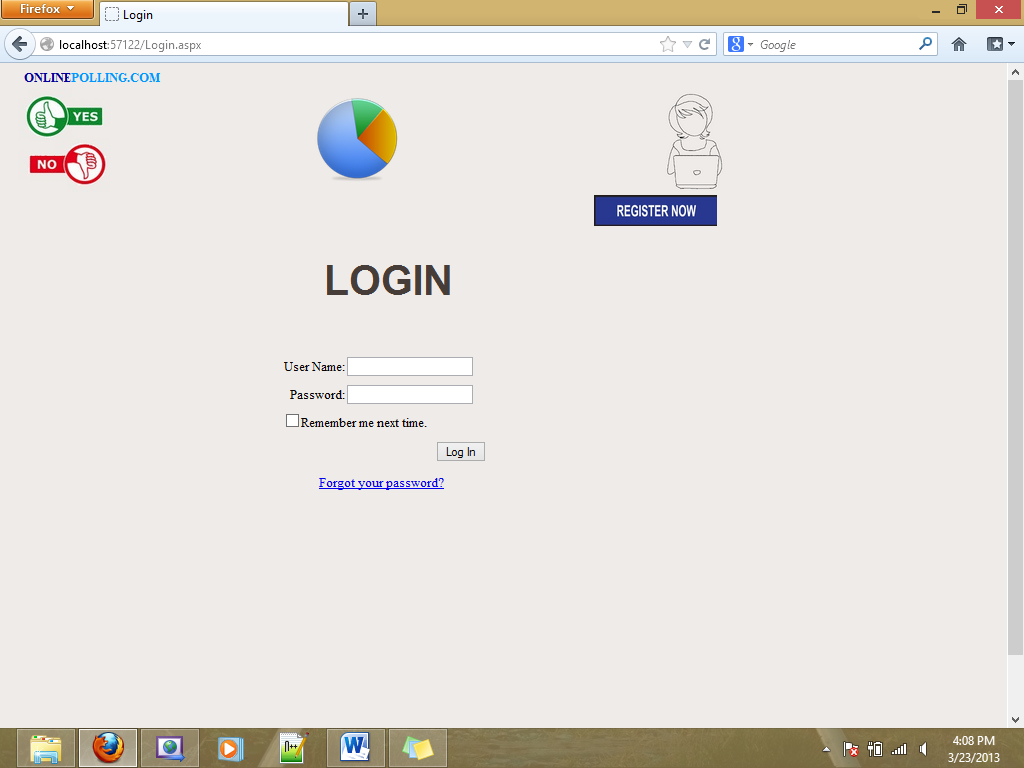


Figure 4.3Login page

**Code:**

**Login.aspx**

<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="Login.aspx.vb" Inherits="Online\_Polling\_System.Login" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<link href="css/styles.css" rel="stylesheet" type="text/css" />

<title>Login</title>

<style type="text/css">

#form1

{

height: 899px;

width: 966px;

}

.newStyle1

{

font-weight: bold;

font-style: normal;

font-variant: normal;

}

.style11

{

color: #000099;

}

.style14

{

color: #0099FF;

text-align: right;

}

.style7

{

width: 1088px;

height: 24px;

margin-left: 40px;

margin-right :40px;

}

.style15

{

width: 96px;

height: 129px;

}

.style4

{

width: 1088px;

height: 120px;

}

.style10

{

width: 1088px;

height: 115px;

}

.style2

{

width: 1088px;

text-align: center;

}

.style16

{

width: 332px;

}

</style>

</head>

<body>

<link href="css/styles.css" rel="stylesheet" type="text/css" />

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

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<span class="newStyle1"><span class="style11">ONLINE</span><span

class="style14">POLLING.COM</span></span><table

style="width: 99%; height: 445px;">

<tr>

<td class="style7">

<span class="newStyle1"><span class="style14">&nbsp;&nbsp;

<asp:ImageButton ID="ImageButton3" runat="server"

ImageUrl="~/images/onlyyesno.jpg" PostBackUrl="~/main.aspx" />

&nbsp;<asp:ImageButton ID="ImageButton2" runat="server" ImageUrl="~/images/graph.png"

PostBackUrl="~/main.aspx" />

<img class="style15" src="images/poll1.png" <asp:ImageButton ID="ImageButton1" runat="server" Height="38px"

ImageUrl="~/images/register.jpg" Width="154px"

PostBackUrl="~/Register.aspx" />

</span></span>

</td>

</tr>

<tr>

<td class="style4" bgcolor="#EFEBE8"

style="color: #473D38; font-weight: bolder; font-size: 51px; font-family: sans-serif; font-style: normal; text-align: center;">

<asp:SqlDataSource ID="SqlDataSource1" runat="server"

ConnectionString="<%$ ConnectionStrings:SQLEXPRESSConnectionString1 %>"

ProviderName="<%$ ConnectionStrings:SQLEXPRESSConnectionString1.ProviderName %>"

SelectCommand="SELECT [username], [password] FROM [login]">

</asp:SqlDataSource>

LOGIN</td>

</tr>

<tr>

<td class="style10">

&nbsp;

<table style="width:100%;">

<tr>

<td class="style16">

&nbsp;</td>

<td>

<asp:Login ID="Login1" runat="server" Height="146px" Width="259px">

<LayoutTemplate>

<table cellpadding="1" cellspacing="0" style="border-collapse:collapse;">

<tr>

<td>

<table cellpadding="0" style="height:146px;width:259px;">

<tr>

<td align="center" colspan="2">

</td>

</tr>

<tr>

<td align="right">

<asp:Label ID="UserNameLabel" runat="server" AssociatedControlID="UserName">User Name:</asp:Label>

</td>

<td>

<asp:TextBox ID="UserName" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="UserNameRequired" runat="server"

ControlToValidate="UserName" ErrorMessage="User Name is required."

ToolTip="User Name is required." ValidationGroup="Login1">\*</asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td align="right">

<asp:Label ID="PasswordLabel" runat="server" AssociatedControlID="Password">Password:</asp:Label>

</td>

<td>

<asp:TextBox ID="Password" runat="server" TextMode="Password"

ontextchanged="Password\_TextChanged"></asp:TextBox>

<asp:RequiredFieldValidator ID="PasswordRequired" runat="server"

ControlToValidate="Password" ErrorMessage="Password is required."

ToolTip="Password is required." ValidationGroup="Login1">\*</asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td colspan="2">

<asp:CheckBox ID="RememberMe" runat="server" Text="Remember me next time." />

</td>

</tr>

<tr>

<td align="center" colspan="2" style="color:Red;">

<asp:Literal ID="FailureText" runat="server" EnableViewState="False"></asp:Literal>

</td>

</tr>

<tr>

<td align="right" colspan="2">

<asp:Button ID="LoginButton" runat="server" CommandName="Login"

onclick="LoginButton\_Click1" Text="Log In" ValidationGroup="Login1" />

</td>

</tr>

</table>

</td>

</tr>

</table>

</LayoutTemplate>

</asp:Login>

</td>

</tr>

</table>

</td>

</tr>

<tr>

<td class="style2">

<asp:LinkButton ID="LinkButton1" runat="server">Forgot your password?</asp:LinkButton>

&nbsp;&nbsp;&nbsp;&nbsp;<br />

<asp:PasswordRecovery ID="PasswordRecovery1" runat="server" Visible="False">

<QuestionTemplate>

<table cellpadding="1" cellspacing="0" style="border-collapse:collapse;">

<tr>

<td>

<table cellpadding="0">

<tr>

<td align="center" colspan="2">

Identity Confirmation</td>

</tr>

<tr>

<td align="center" colspan="2">

Answer the following question to receive your password.</td>

</tr>

<tr>

<td align="right">

User Name:</td>

<td>

<asp:Literal ID="UserName" runat="server"></asp:Literal>

</td>

</tr>

<tr>

<td align="right">

Question:</td>

<td>

<asp:Literal ID="Question" runat="server"></asp:Literal>

</td>

</tr>

<tr>

<td align="right">

<asp:Label ID="AnswerLabel" runat="server" AssociatedControlID="Answer">Answer:</asp:Label>

</td>

<td>

<asp:TextBox ID="Answer" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="AnswerRequired" runat="server"

ControlToValidate="Answer" ErrorMessage="Answer is required."

ToolTip="Answer is required." ValidationGroup="PasswordRecovery1">\*</asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td align="center" colspan="2" style="color:Red;">

<asp:Literal ID="FailureText" runat="server" EnableViewState="False"></asp:Literal>

</td>

</tr>

<tr>

<td align="right" colspan="2">

<asp:Button ID="SubmitButton" runat="server" CommandName="Submit" Text="Submit"

ValidationGroup="PasswordRecovery1" />

</td>

</tr>

</table>

</td>

</tr>

</table>

</QuestionTemplate>

<UserNameTemplate>

<table cellpadding="1" cellspacing="0" style="border-collapse:collapse;">

<tr>

<td>

<table cellpadding="0">

<tr>

<td align="center" colspan="2">

Forgot Your Password?</td>

</tr>

<tr>

<td align="center" colspan="2">

Enter your User Name to receive your password.</td>

</tr>

<tr>

<td align="right">

<asp:Label ID="UserNameLabel" runat="server" AssociatedControlID="UserName">User Name:</asp:Label>

</td>

<td>

<asp:TextBox ID="UserName" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="UserNameRequired" runat="server"

ControlToValidate="UserName" ErrorMessage="User Name is required."

ToolTip="User Name is required." ValidationGroup="PasswordRecovery1">\*</asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td align="center" colspan="2" style="color:Red;">

&nbsp;</td>

</tr>

<tr>

<td align="right" colspan="2">

<asp:Button ID="SubmitButton" runat="server" CommandName="Submit"

onclick="SubmitButton\_Click" Text="Submit"

ValidationGroup="PasswordRecovery1" />

</td>

</tr>

</table>

</td>

</tr>

</table>

</UserNameTemplate>

</asp:PasswordRecovery>

<br />

<br />

&nbsp;&nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp;

</td>

</tr>

</table>

</form>

</body>

</html>

**Login.aspx.vb**

Imports System.Data.SqlClient

Imports System.Data

Public Class Login

Inherits System.Web.UI.Page

Dim con As New SqlConnection

Dim dt As New DataTable

Protected Sub Page\_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load

End Sub

Protected Sub LoginButton\_Click1(sender As Object, e As EventArgs)

Dim flag As Integer

flag = 0

' old code for connected arch. you need to open connection and close connection explictly.

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

Dim ada As New SqlDataAdapter("select \* from login", con)

Dim dt As New DataTable()

ada.Fill(dt)

If Page.IsValid Then

For i As Integer = 0 To dt.Rows.Count - 1

' MsgBox(dt.Rows(i)(0))

If Login1.UserName = dt.Rows(i)(0) And Login1.Password = dt.Rows(i)(1) Then

ScriptManager.RegisterStartupScript(Me, [GetType](), "showalert", "alert('login sucessful');", True)

flag = 1

user\_id = dt.Rows(i)(0)

Response.Redirect("vote.aspx")

Else

user\_id = "null"

End If

Next

End If

If flag = 0 Then

user\_id = "null"

'ClientScript.RegisterStartupScript(Page.GetType(), "validation", "<script language='javascript'>alert('Invalid Username and Password')</script>")

ScriptManager.RegisterStartupScript(Me, [GetType](), "showalert", "alert('Invalid Username and Password');", True)

End If

End Sub

Protected Sub Password\_TextChanged(sender As Object, e As EventArgs)

End Sub

Protected Sub LinkButton1\_Click(sender As Object, e As EventArgs) Handles LinkButton1.Click

If PasswordRecovery1.Visible = True Then

PasswordRecovery1.Visible = False

Else

PasswordRecovery1.Visible = True

End If

End Sub

Protected Sub SubmitButton\_Click(sender As Object, e As EventArgs)

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

Dim ada As New SqlDataAdapter("select \* from register", con)

Dim dt1 As New DataTable()

ada.Fill(dt1)

For i As Integer = 0 To dt1.Rows.Count - 1

If PasswordRecovery1.UserName = dt1.Rows(i)(0) Then

Dim j As String

j = InputBox(dt1.Rows(i)(3), "enter the answer of you security question")

If j = dt1.Rows(i)(4) Then

MsgBox("Your password is " & dt1.Rows(i)(1))

Else

ScriptManager.RegisterStartupScript(Me, [GetType](), "showalert", "alert('Invalid Answer');", True)

Exit Sub

End If

End If

Next

End Sub

End Class

**4.1.4 Register page**

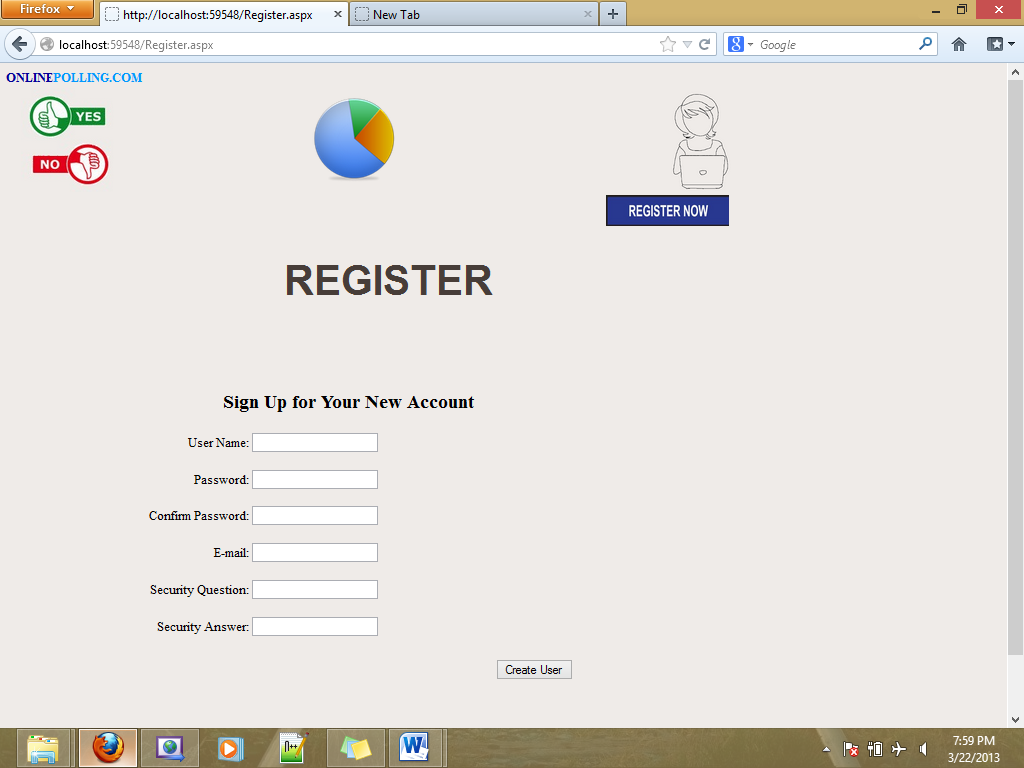


Figure 4.4Register page

**Code:**

**Register.aspx**

<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="Register.aspx.vb" Inherits="Online\_Polling\_System.WebForm3" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

<style type="text/css">

.newStyle1

{

font-weight: bold;

font-style: normal;

font-variant: normal;

}

.style11

{

color: #000099;

}

.style14

{

color: #0099FF;

text-align: right;

}

.style7

{

width: 1088px;

height: 24px;

margin-left: 40px;

margin-right :40px;

}

.style15

{

width: 96px;

height: 129px;

}

.style4

{

width: 1088px;

height: 120px;

}

.style10

{

width: 1088px;

height: 115px;

}

.style2

{

width: 1088px;

text-align: center;

}

#form1

{

height: 899px;

width: 966px;

}

.style16

{

font-size: x-large;

}

</style>

</head>

<body>

<link href="css/styles.css" rel="stylesheet" type="text/css" />

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

<div>

<span class="newStyle1"><span class="style11">ONLINE</span><span

class="style14">POLLING.COM</span></span></div>

<table

style="width: 99%; height: 445px;">

<tr>

<td class="style7">

<span class="newStyle1"><span class="style14">&nbsp;&nbsp;

&nbsp;<asp:ImageButton ID="ImageButton3" runat="server"

ImageUrl="~/images/onlyyesno.jpg" PostBackUrl="~/main.aspx" />

<asp:ImageButton ID="ImageButton2" runat="server" ImageUrl="~/images/graph.png"

PostBackUrl="~/main.aspx" />

<img class="style15" src="images/poll1.png" <asp:ImageButton ID="ImageButton1" runat="server" Height="38px"

ImageUrl="~/images/register.jpg" Width="154px"

PostBackUrl="~/Register.aspx" />

</span></span>

</td>

</tr>

<tr>

<td class="style4" bgcolor="#EFEBE8"

style="color: #473D38; font-weight: bolder; font-size: 51px; font-family: sans-serif; font-style: normal; text-align: center;">

REGISTER</td>

</tr>

<tr>

<td class="style10">

<br />

<br />

&nbsp;

<asp:CreateUserWizard ID="CreateUserWizard1" runat="server" Height="343px"

Width="711px">

<WizardSteps>

<asp:CreateUserWizardStep runat="server" >

<ContentTemplate>

<table style="font-size:100%;height:343px;width:711px;">

<tr>

<td align="center" colspan="2" class="style16">

<strongSign Up for Your New Account</strong></td>

</tr>

<tr>

<td align="right">

<asp:Label ID="UserNameLabel" runat="server" AssociatedControlID="UserName">User Name:</asp:Label>

</td>

<td>

<asp:TextBox ID="UserName" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="UserNameRequired" runat="server"

ControlToValidate="UserName" ErrorMessage="User Name is required."

ToolTip="User Name is required." ValidationGroup="CreateUserWizard1">\*</asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td align="right">

<asp:Label ID="PasswordLabel" runat="server" AssociatedControlID="Password">Password:</asp:Label>

</td>

<td>

<asp:TextBox ID="Password" runat="server" TextMode="Password"></asp:TextBox>

<asp:RequiredFieldValidator ID="PasswordRequired" runat="server"

ControlToValidate="Password" ErrorMessage="Password is required."

ToolTip="Password is required." ValidationGroup="CreateUserWizard1">\*</asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td align="right">

<asp:Label ID="ConfirmPasswordLabel" runat="server"

AssociatedControlID="ConfirmPassword">Confirm Password:</asp:Label>

</td>

<td>

<asp:TextBox ID="ConfirmPassword" runat="server" TextMode="Password"></asp:TextBox>

<asp:RequiredFieldValidator ID="ConfirmPasswordRequired" runat="server"

ControlToValidate="ConfirmPassword"

ErrorMessage="Confirm Password is required."

ToolTip="Confirm Password is required." ValidationGroup="CreateUserWizard1">\*</asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td align="right">

<asp:Label ID="EmailLabel" runat="server" AssociatedControlID="Email">E-mail:</asp:Label>

</td>

<td>

<asp:TextBox ID="Email" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="EmailRequired" runat="server"

ControlToValidate="Email" ErrorMessage="E-mail is required."

ToolTip="E-mail is required." ValidationGroup="CreateUserWizard1">\*</asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td align="right">

<asp:Label ID="QuestionLabel" runat="server" AssociatedControlID="Question">Security Question:</asp:Label>

</td>

<td>

<asp:TextBox ID="Question" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="QuestionRequired" runat="server"

ControlToValidate="Question" ErrorMessage="Security question is required."

ToolTip="Security question is required." ValidationGroup="CreateUserWizard1">\*</asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td align="right">

<asp:Label ID="AnswerLabel" runat="server" AssociatedControlID="Answer">Security Answer:</asp:Label>

</td>

<td>

<asp:TextBox ID="Answer" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="AnswerRequired" runat="server"

ControlToValidate="Answer" ErrorMessage="Security answer is required."

ToolTip="Security answer is required." ValidationGroup="CreateUserWizard1">\*</asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td align="center" colspan="2">

<asp:CompareValidator ID="PasswordCompare" runat="server"

ControlToCompare="Password" ControlToValidate="ConfirmPassword"

Display="Dynamic"

ErrorMessage="The Password and Confirmation Password must match."

ValidationGroup="CreateUserWizard1"></asp:CompareValidator>

</td>

</tr>

<tr>

<td align="center" colspan="2" style="color:Red;">

<asp:Literal ID="ErrorMessage" runat="server" EnableViewState="False"></asp:Literal>

</td>

</tr>

</table>

</ContentTemplate>

<CustomNavigationTemplate>

<table border="0" cellspacing="5" style="width:100%;height:100%;">

<tr align="right">

<td align="right" colspan="0">

<asp:Button ID="StepNextButton" runat="server" CommandName="MoveNext"

Text="Create User" ValidationGroup="CreateUserWizard1" />

</td>

</tr>

</table>

</CustomNavigationTemplate>

</asp:CreateUserWizardStep>

<asp:CompleteWizardStep runat="server" >

<ContentTemplate>

<table style="font-size:100%;height:343px;width:711px;">

<tr>

<td align="center" colspan="2">

Complete</td>

</tr>

<tr>

<td>

Your account has been successfully created.</td>

</tr>

<tr>

<td align="right" colspan="2">

<asp:Button ID="ContinueButton" runat="server" CausesValidation="False"

CommandName="Continue" onclick="ContinueButton\_Click" Text="Continue"

ValidationGroup="CreateUserWizard1" />

</td>

</tr>

</table>

</ContentTemplate>

</asp:CompleteWizardStep>

</WizardSteps>

<FinishNavigationTemplate>

<asp:Button ID="FinishPreviousButton" runat="server" CausesValidation="False"

CommandName="MovePrevious" Text="Previous" />

<asp:Button ID="FinishButton" runat="server" CommandName="MoveComplete"

Text="Finish" />

</FinishNavigationTemplate>

<StartNavigationTemplate>

<asp:Button ID="StartNextButton" runat="server" CommandName="MoveNext"

Text="Next" />

</StartNavigationTemplate>

<StepNavigationTemplate>

<asp:Button ID="StepPreviousButton" runat="server" CausesValidation="False"

CommandName="MovePrevious" Text="Previous" />

<asp:Button ID="StepNextButton" runat="server" CommandName="MoveNext"

Text="Next" />

</StepNavigationTemplate>

</asp:CreateUserWizard>

</td>

</tr>

<tr>

<td class="style2">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp;

</td>

</tr>

</table>

</form>

</body>

</html>

**Register.aspx.vb**

Imports System.Data.SqlClient

Imports System.Data.OleDb

Imports System.Data

Public Class WebForm3

Inherits System.Web.UI.Page

Protected Sub CreateUserWizard1\_CreatedUser(sender As Object, e As EventArgs) Handles CreateUserWizard1.CreatedUser

If Page.IsValid Then

MsgBox("harish")

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

Dim cmd As New SqlCommand

Dim sqlstring As String

Try

con.Open()

sqlstring = " INSERT INTO register VALUES ('" & CreateUserWizard1.UserName & "','" & CreateUserWizard1.Password & "','" & CreateUserWizard1.Email & "','" & CreateUserWizard1.Question & "','" & CreateUserWizard1.Answer & "')"

cmd = New SqlCommand(sqlstring, con)

cmd.ExecuteNonQuery()

' MsgBox("sucessfull")

ScriptManager.RegisterStartupScript(Me, [GetType](), "showalert", "alert('Sucessfull login');", True)

Call putdatainlogin()

Catch ex As Exception

MsgBox(ex.Message)

End Try

End If

End Sub

Protected Sub ContinueButton\_Click(sender As Object, e As EventArgs)

Response.Redirect("login.aspx")

End Sub

Function putdatainlogin()

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

Dim cmd As New SqlCommand

Dim sqlstring As String

Try

con.Open()

sqlstring = " INSERT INTO login VALUES ('" & CreateUserWizard1.UserName & "','" & CreateUserWizard1.Password & "')"

cmd = New SqlCommand(sqlstring, con)

cmd.ExecuteNonQuery()

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Function

End Class

**4.1.5 Polling page**

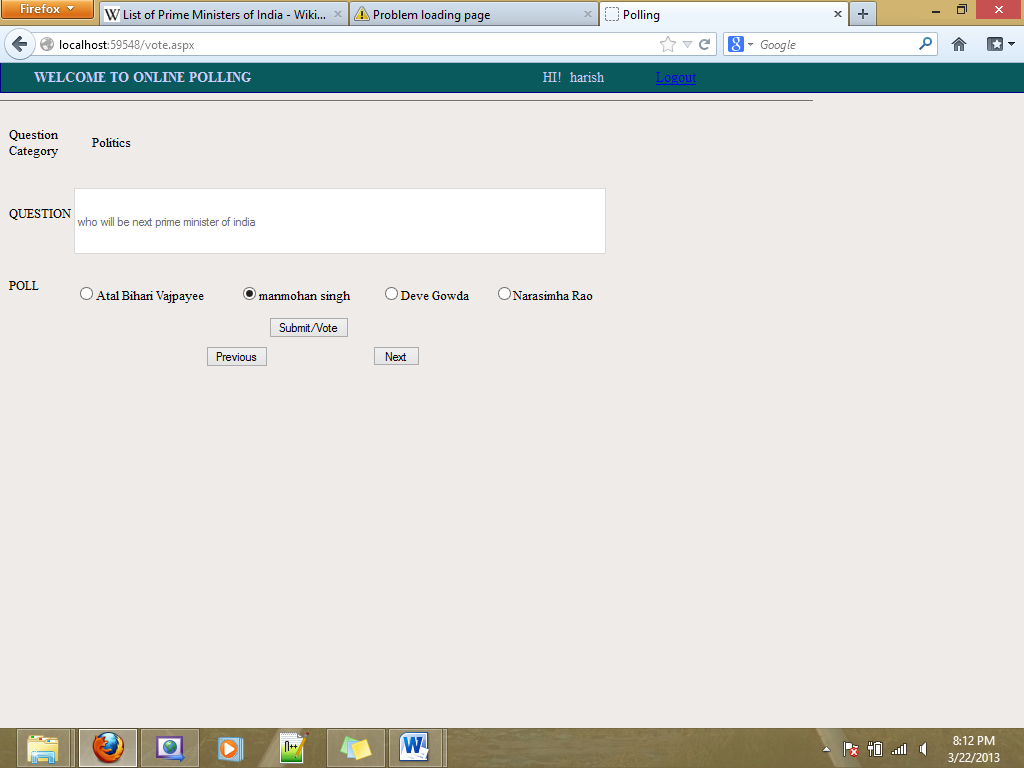


Figure 4.5Polling page

**Code:**

**Vote.aspx**

<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="vote.aspx.vb" Inherits="Online\_Polling\_System.vote" %>

<%@ Register assembly="System.Web.DataVisualization, Version=4.0.0.0, Culture=neutral, PublicKeyToken=**31bf3856ad364e35**" namespace="System.Web.UI.DataVisualization.Charting" tagprefix="asp" %>

<%@ Register src="dataframe.ascx" tagname="dataframe" tagprefix="uc1" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title>Polling</title>

<style type="text/css">

.newStyle1

{

font-weight: bold;

font-style: normal;

font-variant: normal;

}

.style2

{

width: 952px;

color: #CCCCFF;

font-size: large;

border: thin solid #000080;

background-color: #085A5D;

background-attachment: fixed;

}

#form1

{

width: 948px;

height: 259px;

}

.style3

{

width: 71px;

}

.style4

{

width: 693px;

}

.style5

{

width: 71px;

height: 110px;

}

.style6

{

width: 693px;

height: 110px;

}

.style7

{

height: 110px;

}

.style8

{

width: 71px;

height: 58px;

}

.style9

{

width: 693px;

height: 58px;

}

.style10

{

height: 58px;

}

</style>

</head>

<link href="css/styles.css" rel="stylesheet" type="text/css" />

<body>

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

<table style="width:101%; position: fixed; top: -4px; left: -2px; height: 43px;">

<tr>

<td class="style2">

<strong>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; WELCOME TO ONLINE POLLING </strong>&nbsp;HI!&nbsp;

<asp:Label ID="Label3" runat="server" Text="Label"></asp:Label>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:LoginStatus ID="LoginStatus1" runat="server" />

</td>

</tr>

</table>

<br /><br />

<hr style="background-attachment: fixed; width: 1232px; position: fixed; top: 38px; left: -215px; height: -15px; color: #cccccc;" /><!-- border:solid; " /> for same as horizontal line-->

<!-- <table style="width: 45%; margin-top: 0px;">

</table>

-->

</table>

&nbsp;<table style="width: 100%; height: 319px;">

<tr>

<td class="style8">

Question Category</td>

<td class="style9">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Label ID="Label4" runat="server"></asp:Label>

</td>

<td class="style10">

</td>

</tr>

<tr>

<td class="style5">

<asp:Label ID="Label1" runat="server" Text="QUESTION"></asp:Label>

</td>

<td class="style6">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox1" runat="server" Height="75px" Width="657px"

Enabled="False"></asp:TextBox>

</td>

<td class="style7">

</td>

</tr>

<tr>

<td class="style3">

<asp:Label ID="Label2" runat="server" Text="POLL"></asp:Label>

</td>

<td class="style4">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:RadioButtonList ID="RadioButtonList1" runat="server" Height="22px"

RepeatDirection="Horizontal" Width="684px">

<asp:ListItem>button1</asp:ListItem>

<asp:ListItem>button2</asp:ListItem>

<asp:ListItem>button3</asp:ListItem>

<asp:ListItem>button4</asp:ListItem>

</asp:RadioButtonList>

</td>

<td>

&nbsp;</td>

</tr>

<tr>

<td class="style3">

&nbsp;</td>

<td class="style4">

<asp:Button ID="Button3" runat="server" Text="Submit/Vote" />

</td>

<td>

&nbsp;</td>

</tr>

<tr>

<td class="style3">

&nbsp;</td>

<td class="style4">

<asp:Button ID="Button1" runat="server" Text="Previous" />

<asp:Button ID="Button2" runat="server" Height="24px" Text="Next"

Width="59px" />

</td>

<td>

&nbsp;</td>

</tr>

</table>

</form>

</body>

</html>

**Vote.aspx.vb**

Imports System.Data.SqlClient

Imports System.Data

Public Class vote

Inherits System.Web.UI.Page

Dim cmd As New SqlCommand

Dim i As Integer

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

Dim ada As New SqlDataAdapter("select \* from question\_table", con)

Dim dt As New DataTable()

Protected Sub Page\_Load(sender As Object, e As EventArgs) Handles Me.Load

If user\_id = "null" Then

ClientScript.RegisterStartupScript(Page.GetType(), "validation", "<script language='javascript'>alert('enter Username and Password')</script>")

MsgBox("Please enter the username and password")

Response.Redirect("Login.aspx")

Else

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

Label3.Text = user\_id

con.Open()

ada.Fill(dt)

Call calldata()

End If

End Sub

Protected Sub Button1\_Click(sender As Object, e As EventArgs) Handles Button1.Click

Call calldata()

RadioButtonList1.ClearSelection()

point = point - 1

End Sub

Function calldata()

If (point < 1) Then

point = 0

End If

If point > dt.Rows.Count - 1 Then

point = dt.Rows.Count - 1

End If

TextBox1.Text = ""

TextBox1.Text = dt.Rows(point)(1)

callradiobuttondata()

End Function

Protected Sub Button2\_Click(sender As Object, e As EventArgs) Handles Button2.Click

point = point + 1

RadioButtonList1.ClearSelection()

Call calldata()

End Sub

Function callradiobuttondata()

Label4.Text = dt.Rows(point)(2)

RadioButtonList1.Items(0).Text = dt.Rows(point)(3)

RadioButtonList1.Items(1).Text = dt.Rows(point)(4)

RadioButtonList1.Items(2).Text = dt.Rows(point)(5)

RadioButtonList1.Items(3).Text = dt.Rows(point)(6)

End Function

Function checkexisting()

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

con.Open()

Dim ada1 As New SqlDataAdapter("select \* from polling", con)

Dim dt1 As New DataTable()

ada1.Fill(dt1)

Dim cmd As New SqlCommand

Dim sqlstring As String

Dim temp As Integer

temp = 0

Try

For temp = 0 To dt1.Rows.Count - 1

If dt.Rows(point)(0) = dt1.Rows(temp)(0) Then

If user\_id = dt1.Rows(temp)(1) Then

sqlstring = "delete from polling where question\_id = '" & dt.Rows(point)(0).ToString & "' AND user\_id = '" & user\_id.ToString & "' "

cmd.CommandText = CommandType.Text

cmd = New SqlCommand(sqlstring, con)

cmd.ExecuteNonQuery()

End If

End If

Next

Catch ex As Exception

MsgBox("Aata")

MsgBox(ex.Message)

End Try

End Function

Function putresult()

Dim tem As Integer

tem = RadioButtonList1.SelectedIndex + 1

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

con.Open()

Dim val As Integer

val = 1

Dim cmd As New SqlCommand

cmd.Connection = con

cmd.CommandText = CommandType.Text

If tem = 1 Then

cmd.CommandText = "update result set choice1 = choice1 + '" & val & "' where question\_id= " & dt.Rows(point)(0) & " "

End If

If tem = 2 Then

cmd.CommandText = "update result set choice2 = choice2 + '" & val & "' where question\_id= " & dt.Rows(point)(0) & " "

End If

If tem = 3 Then

cmd.CommandText = "update result set choice3 = choice3 + '" & val & "' where question\_id= " & dt.Rows(point)(0) & " "

End If

If tem = 4 Then

cmd.CommandText = "update result set choice4 = choice4 + '" & val & "' where question\_id= " & dt.Rows(point)(0) & " "

End If

Try

cmd.ExecuteNonQuery()

'MsgBox("inserted sucessful")

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Function

Protected Sub Button3\_Click(sender As Object, e As EventArgs) Handles Button3.Click

If RadioButtonList1.SelectedIndex = -1 Then

ScriptManager.RegisterStartupScript(Me, [GetType](), "showalert", "alert('please first select from the options');", True)

Exit Sub

End If

Call checkexisting()

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

Dim cmd As New SqlCommand

Dim sqlstring As String

Try

con.Open()

sqlstring = " INSERT INTO polling VALUES ('" & dt.Rows(point)(0) & "','" & user\_id & "','" & RadioButtonList1.SelectedIndex + 1 & "')"

cmd = New SqlCommand(sqlstring, con)

cmd.ExecuteNonQuery()

MsgBox("sucessfull")

Catch ex As Exception

MsgBox(ex.Message)

End Try

Call putresult()

End Sub

Protected Sub LoginStatus1\_LoggingOut(sender As Object, e As System.Web.UI.WebControls.LoginCancelEventArgs) Handles LoginStatus1.LoggingOut

user\_id = "null"

Response.Redirect("Login.aspx")

End Sub

End Class

**4.1.6 Admin page**

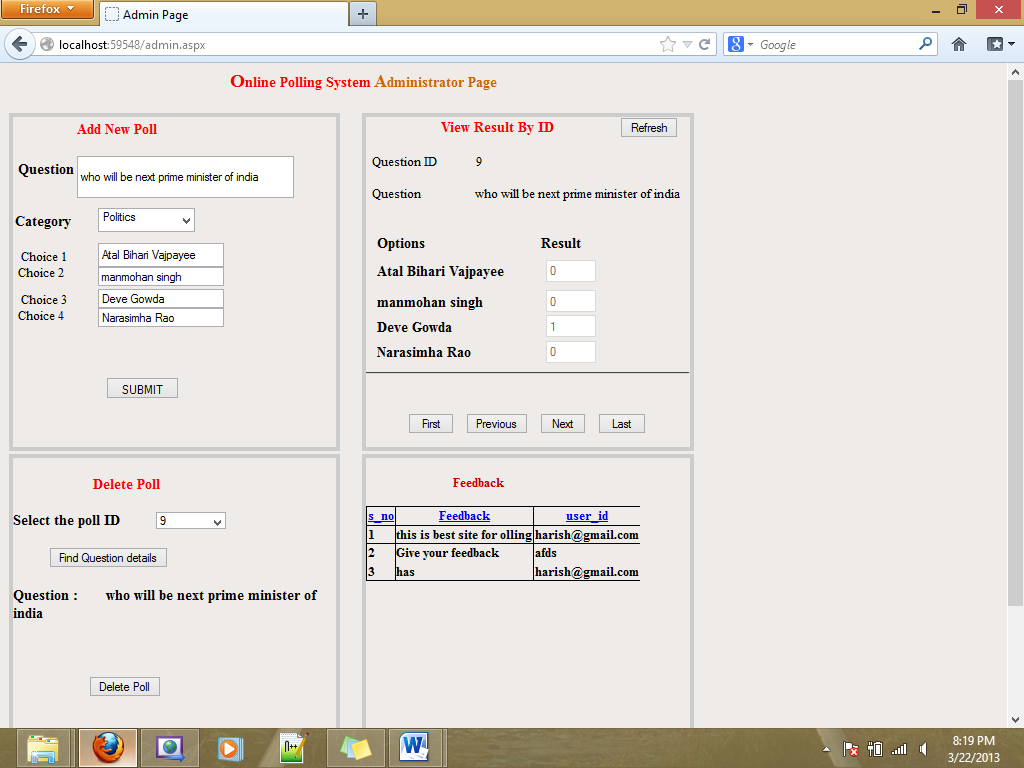


Figure 4.6Admin page

**Code:**

**Admin.aspx**

<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="admin.aspx.vb" Inherits="Online\_Polling\_System.admin" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title>Admin Page</title>

<link href="css/styles.css" rel="stylesheet" type="text/css" />

<style type="text/css">

.style1

{

width: 402px;

height: 66px;

}

.style2

{

width: 402px;

height: 311px;

}

.style3

{

height: 311px;

width: 48px;

}

.style4

{

width: 257px;

}

.style5

{

width: 106px;

}

.style8

{

width: 106px;

height: 49px;

}

.style9

{

width: 257px;

height: 49px;

}

.style10

{

font-size: large;

}

.style11

{

width: 218px;

}

.style12

{

color: #FF0000;

}

.style13

{

color: #FF0000;

font-size: large;

}

.style14

{

color: #CC0000;

}

.style15

{

font-size: large;

color: #CC6600;

}

.style16

{

color: #FF0000;

font-size: x-large;

}

.style17

{

font-size: x-large;

color: #CC6600;

}

.style21

{

width: 48px;

height: 66px;

}

.style22

{

width: 466px;

height: 311px;

}

.style24

{

width: 466px;

height: 66px;

}

.style25

{

width: 402px;

height: 289px;

}

.style26

{

width: 466px;

height: 289px;

}

.style27

{

height: 289px;

width: 48px;

}

.style28

{

color: #000000;

font-size: large;

}

.style29

{

width: 218px;

height: 41px;

}

.style30

{

height: 41px;

}

</style>

</head>

<body>

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

<div>

<strong><span class="style13">

</span><span class="style16">O</span><span class="style13">nline Polling System</span></strong>

<strong><span class="style17">A</span><span class="style15">dministrator Page<br />

<br />

</span></strong>

<table style="width: 100%; height: 371px;">

<tr>

<td class="style2">

<div class="verticalLine"><!--vertical lines start -->

<table style="border-color: #3333FF; width: 86%; height: 222px;">

<tr>

<td class="style5">

&nbsp;</td>

<td class="style4">

<asp:Label ID="Label1" runat="server"

style="font-size: large; font-weight: 700; color: #FF0000;"

Text="Add New Poll"></asp:Label>

</td>

</tr>

<tr>

<td class="style5">

&nbsp;<asp:Label ID="Label2" runat="server"

style="font-size: large; font-weight: 700" Text="Question"></asp:Label>

</td>

<td class="style4">

&nbsp;<asp:TextBox ID="TextBox1" runat="server" Height="44px" Width="263px"></asp:TextBox>

</td>

</tr>

<tr>

<td class="style8">

<asp:Label ID="Label9" runat="server"

style="font-size: large; font-weight: 700" Text="Category"></asp:Label>

</td>

<td class="style9">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:DropDownList ID="DropDownList2" runat="server" Height="30px" Width="121px">

<asp:ListItem>Politics</asp:ListItem>

<asp:ListItem>Lifestyle</asp:ListItem>

<asp:ListItem>Educational</asp:ListItem>

</asp:DropDownList>

</td>

</tr>

<tr>

<td class="style8">

&nbsp;

<asp:Label ID="Label3" runat="server" Text="Choice 1"></asp:Label>

<br />

&nbsp;<asp:Label ID="Label4" runat="server" Text="Choice 2"></asp:Label>

</td>

<td class="style9">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox2" runat="server" Height="22px"></asp:TextBox>

&nbsp;<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>

&nbsp;</td>

</tr>

<tr>

<td class="style5">

&nbsp;

<asp:Label ID="Label5" runat="server" Text="Choice 3"></asp:Label>

<br />

&nbsp;<asp:Label ID="Label6" runat="server" Text="Choice 4"></asp:Label>

</td>

<td class="style4">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>

&nbsp;&nbsp;&nbsp;<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; <asp:TextBox ID="TextBox5" runat="server"></asp:TextBox>

</td>

</tr>

</table>

<br />

<br />

<br />

<asp:Button ID="ADDNEWBUTTON" runat="server" Height="27px" Text="SUBMIT"

Width="92px" />

</div><!--vertical lines end -->

</td>

<td class="style22">

<div class="verticalLine">

<span

class="style12">&nbsp; </span>

<asp:Label ID="Label7" runat="server"

style="font-size: large; font-weight: 700"

Text="View Result By ID" CssClass="style12"></asp:Label>

<span class="style12">&nbsp;&nbsp;</span>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Refresh" runat="server" Text="Refresh" />

&nbsp;

<br />

<br />

&nbsp;

<asp:Label ID="Label8" runat="server" Text="Question ID"></asp:Label>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; &nbsp; <asp:Label ID="Label16" runat="server"

Text="Label"></asp:Label>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Localize ID="Localize1" runat="server"></asp:Localize>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<br />

<br />

&nbsp;

<asp:Label ID="Label10" runat="server" Text="Question"></asp:Label>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Label ID="Label11" runat="server" Text="Question"></asp:Label>

&nbsp;&nbsp;&nbsp;

<br />

<br />

&nbsp;<span class="style10"><strong>&nbsp; Options Result<br />

<table style="width: 100%; height: 115px;">

<tr>

<td class="style29">

&nbsp;

<asp:Label

ID="Label12" runat="server" Text="Label"></asp:Label>

</td>

<td class="style30">

<asp:TextBox ID="TextBox6" runat="server" Enabled="False" Height="20px"

Width="55px"></asp:TextBox>

</td>

</tr>

<tr>

<td class="style11">

&nbsp;

<asp:Label ID="Label13" runat="server" Text="Label"></asp:Label>

</td>

<td>

<asp:TextBox ID="TextBox7" runat="server" Enabled="False" Height="20px"

Width="55px"></asp:TextBox>

</td>

</tr>

<tr>

<td class="style11">

&nbsp;

<asp:Label ID="Label14" runat="server" Text="Label"></asp:Label>

</td>

<td>

<asp:TextBox ID="TextBox8" runat="server" Enabled="False" Height="20px"

Width="55px"></asp:TextBox>

</td>

</tr>

<tr>

<td class="style11">

&nbsp;

<asp:Label ID="Label15" runat="server" Text="Label"></asp:Label>

</td>

<td>

<asp:TextBox ID="TextBox9" runat="server" Enabled="False" Height="20px"

Width="55px"></asp:TextBox>

</td>

</tr>

</table>

</strong>

<hr />

</span>

&nbsp;<br />

<br />

&nbsp;

<asp:Button ID="move\_first" runat="server" Text="First" Width="57px" />

&nbsp;

&nbsp;<asp:Button ID="move\_previous" runat="server" Text="Previous" />

&nbsp;

&nbsp;<asp:Button ID="move\_next" runat="server" Text="Next" Width="58px" />

&nbsp;

&nbsp;<asp:Button ID="move\_last" runat="server" Text="Last" Width="60px" />

<br />

</div>

</td>

<td class="style3">

</td>

</tr>

<tr>

<td class="style25">

<div class="verticalLine">

<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<span class="style10">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; </span>

<strong>

<span class="style13">Delete Poll<br />

<br />

</span>

<span class="style28">Select the poll ID </span>

<span class="style13">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:DropDownList ID="DropDownList3" runat="server"

DataSourceID="SqlDataSource2" DataTextField="id" DataValueField="id"

style="width: 88px">

</asp:DropDownList>

&nbsp;<br />

</span>

<span class="style28">

<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button2" runat="server" Text="Find Question details" />

<br />

<br />

Question : </span>

<span class="style13">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Label ID="Label17" runat="server" style="color: #000000"></asp:Label>

<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<br />

</span><span class="style28">

<br />

</span>

<span class="style13">

<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button1" runat="server" Text="Delete Poll" />

<asp:SqlDataSource ID="SqlDataSource2" runat="server"

ConnectionString="<%$ ConnectionStrings:SQLEXPRESSConnectionString1 %>"

SelectCommand="SELECT [id] FROM [question\_table]"></asp:SqlDataSource>

<br />

</span>

</strong>

</div>

</td>

<td class="style26">

<div class="verticalLine">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<br />

<strong><span class="style14">Feedback<br />

</span>&nbsp;&nbsp;&nbsp;

<asp:GridView ID="GridView1" runat="server" AllowPaging="True"

AllowSorting="True" AutoGenerateColumns="False" DataSourceID="SqlDataSource1">

<Columns>

<asp:BoundField DataField="s\_no" HeaderText="s\_no" SortExpression="s\_no" />

<asp:BoundField DataField="Feedback" HeaderText="Feedback"

SortExpression="Feedback" />

<asp:BoundField DataField="user\_id" HeaderText="user\_id"

SortExpression="user\_id" />

</Columns>

</asp:GridView>

&nbsp;&nbsp;<asp:SqlDataSource ID="SqlDataSource1" runat="server"

ConnectionString="<%$ ConnectionStrings:SQLEXPRESSConnectionString1 %>"

SelectCommand="SELECT \* FROM [feedback]"></asp:SqlDataSource>

&nbsp;</strong></div>

</td>

<td class="style27">

</td>

</tr>

<tr>

<td class="style1">

</td>

<td class="style24">

</td>

<td class="style21">

</td>

</tr>

</table>

</div>

</form>

</body>

</html>

**Admin.aspx.vb**

Imports System.Data.SqlClient

Imports System.Data

Public Class admin

Inherits System.Web.UI.Page

Dim newid As Integer

Protected Sub Page\_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load

End Sub

Protected Sub ADDNEWBUTTON\_Click(sender As Object, e As EventArgs) Handles ADDNEWBUTTON.Click

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

con.Open()

Dim ada As New SqlDataAdapter("select \* from question\_table", con)

Dim dt As New DataTable()

ada.Fill(dt)

'MsgBox(dt.Rows.Count - 1)

'MsgBox(dt.Rows(dt.Rows.Count - 1)(0))

' Dim newid As Integer

newid = CInt(dt.Rows(dt.Rows.Count - 1)(0)) + 1

Dim cmd As New SqlCommand

cmd.Connection = con

cmd.CommandText = CommandType.Text

cmd.CommandText = "INSERT INTO question\_table VALUES('" & newid & "','" & TextBox1.Text & "','" & DropDownList2.SelectedValue & "','" & TextBox2.Text & "','" & TextBox3.Text & "','" & TextBox4.Text & "','" & TextBox5.Text & "')"

Try

cmd.ExecuteNonQuery()

MsgBox("inserted sucessful")

Call insertcolresult()

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

Function insertcolresult()

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

con.Open()

Dim dt As New DataTable()

Dim temp As Integer

temp = 0

Dim cmd As New SqlCommand

cmd.Connection = con

cmd.CommandText = CommandType.Text

cmd.CommandText = "INSERT INTO result VALUES('" & newid & "','" & temp & "','" & temp & "','" & temp & "','" & temp & "')"

Try

cmd.ExecuteNonQuery()

MsgBox("inserted sucessful")

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Function

Protected Sub Button4\_Click(sender As Object, e As EventArgs) Handles move\_last.Click

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

con.Open()

Dim ada As New SqlDataAdapter("select \* from question\_table", con)

Dim dt As New DataTable()

ada.Fill(dt)

p = dt.Rows.Count - 1

Label16.Text = dt.Rows(p)(0)

Label11.Text = dt.Rows(p)(1)

Label12.Text = dt.Rows(p)(3)

Label13.Text = dt.Rows(p)(4)

Label14.Text = dt.Rows(p)(5)

Label15.Text = dt.Rows(p)(6)

Call showresult()

End Sub

Protected Sub Button1\_Click(sender As Object, e As EventArgs) Handles move\_first.Click

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

con.Open()

Dim ada As New SqlDataAdapter("select \* from question\_table", con)

Dim dt As New DataTable()

ada.Fill(dt)

p = 0

'MsgBox(i)

Label16.Text = dt.Rows(p)(0)

Label11.Text = dt.Rows(p)(1)

Label12.Text = dt.Rows(p)(3)

Label13.Text = dt.Rows(p)(4)

Label14.Text = dt.Rows(p)(5)

Label15.Text = dt.Rows(p)(6)

Call showresult()

End Sub

Protected Sub Refresh\_Click(sender As Object, e As EventArgs) Handles Refresh.Click

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

con.Open()

Dim ada As New SqlDataAdapter("select \* from question\_table", con)

Dim dt As New DataTable()

ada.Fill(dt)

p = 0

'MsgBox(i)

Label16.Text = dt.Rows(p)(0)

Label11.Text = dt.Rows(p)(1)

Label12.Text = dt.Rows(p)(3)

Label13.Text = dt.Rows(p)(4)

Label14.Text = dt.Rows(p)(5)

Label15.Text = dt.Rows(p)(6)

Call showresult()

End Sub

Protected Sub move\_previous\_Click(sender As Object, e As EventArgs) Handles move\_previous.Click

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

con.Open()

Dim ada As New SqlDataAdapter("select \* from question\_table", con)

Dim dt As New DataTable()

ada.Fill(dt)

p = p - 1

If p < 0 Then

p = 0

MsgBox("This is first record")

Exit Sub

End If

Label16.Text = dt.Rows(p)(0)

Label11.Text = dt.Rows(p)(1)

Label12.Text = dt.Rows(p)(3)

Label13.Text = dt.Rows(p)(4)

Label14.Text = dt.Rows(p)(5)

Label15.Text = dt.Rows(p)(6)

Call showresult()

End Sub

Protected Sub move\_next\_Click(sender As Object, e As EventArgs) Handles move\_next.Click

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

con.Open()

Dim ada As New SqlDataAdapter("select \* from question\_table", con)

Dim dt As New DataTable()

ada.Fill(dt)

p = p + 1

' MsgBox(p)

'MsgBox(i)

If p > dt.Rows.Count - 1 Then

p = dt.Rows.Count - 1

MsgBox("this is last record")

Exit Sub

End If

Label16.Text = dt.Rows(p)(0)

Label11.Text = dt.Rows(p)(1)

Label12.Text = dt.Rows(p)(3)

Label13.Text = dt.Rows(p)(4)

Label14.Text = dt.Rows(p)(5)

Label15.Text = dt.Rows(p)(6)

Call showresult()

End Sub

Function showresult()

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

con.Open()

Dim ada As New SqlDataAdapter("select \* from result", con)

Dim dt As New DataTable()

ada.Fill(dt)

Dim temp As Integer

For temp = 0 To dt.Rows.Count - 1

If Label16.Text = dt.Rows(temp)(0) Then

TextBox6.Text = dt.Rows(temp)(1)

TextBox7.Text = dt.Rows(temp)(2)

TextBox8.Text = dt.Rows(temp)(3)

TextBox9.Text = dt.Rows(temp)(4)

Exit Function

End If

Next

End Function

Protected Sub Button2\_Click(sender As Object, e As EventArgs) Handles Button2.Click

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

con.Open()

Dim ada As New SqlDataAdapter("select \* from question\_table", con)

Dim dt As New DataTable()

ada.Fill(dt)

Dim temp As Integer

For temp = 0 To dt.Rows.Count - 1

If DropDownList3.SelectedValue = dt.Rows(temp)(0) Then

Label17.Text = dt.Rows(temp)(1)

Exit Sub

End If

Next

End Sub

Protected Sub Button1\_Click1(sender As Object, e As EventArgs) Handles Button1.Click

Dim con As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename= C:\USERS\HARISH\DOCUMENTS\SQLEXPRESS.MDF;Integrated Security=True;User Instance=True")

con.Open()

Dim cmd As New SqlCommand

Dim sqlstring As String

Dim temp As Integer

temp = 0

Try

sqlstring = "delete from question\_table where id = '" & DropDownList3.SelectedValue & "'"

cmd.CommandText = CommandType.Text

cmd = New SqlCommand(sqlstring, con)

cmd.ExecuteNonQuery()

ScriptManager.RegisterStartupScript(Me, [GetType](), "showalert", "alert('poll deletion successfull');", True)

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

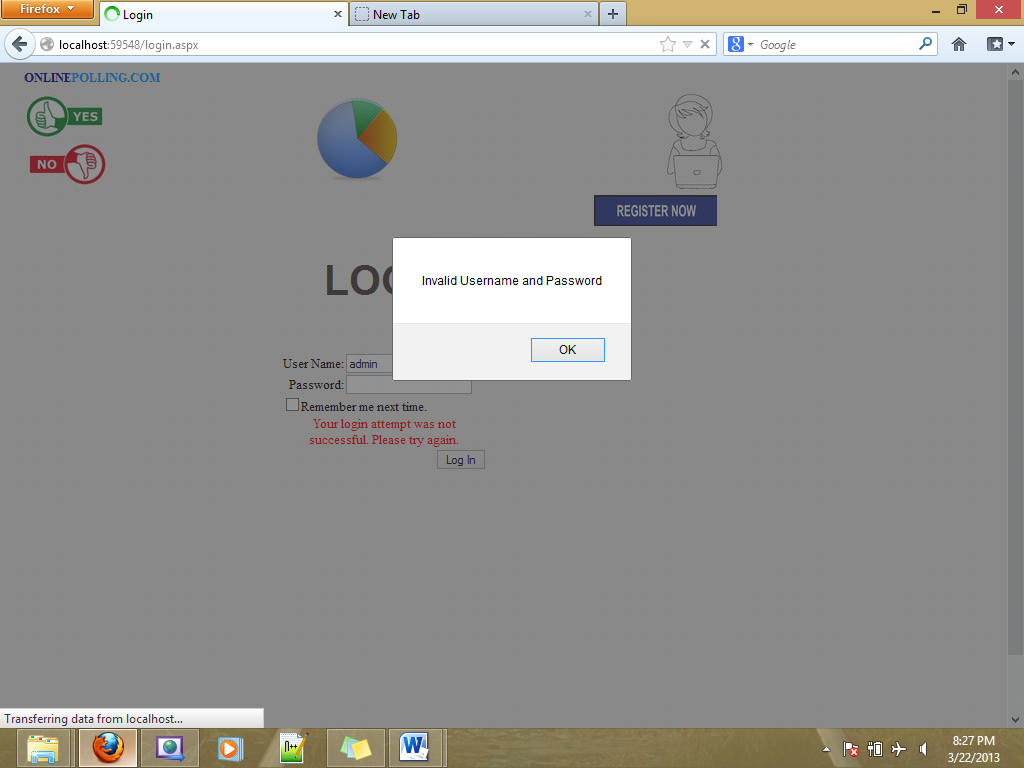
End Class

**4.2 Testing & Debugging:**

**4.2.1 Login form**

**Test Case:** Value of the Login id and Password should be correct and cannot be empty

**Output :**



**Permissible Input**: The values entered should be correct, valid and no fields must

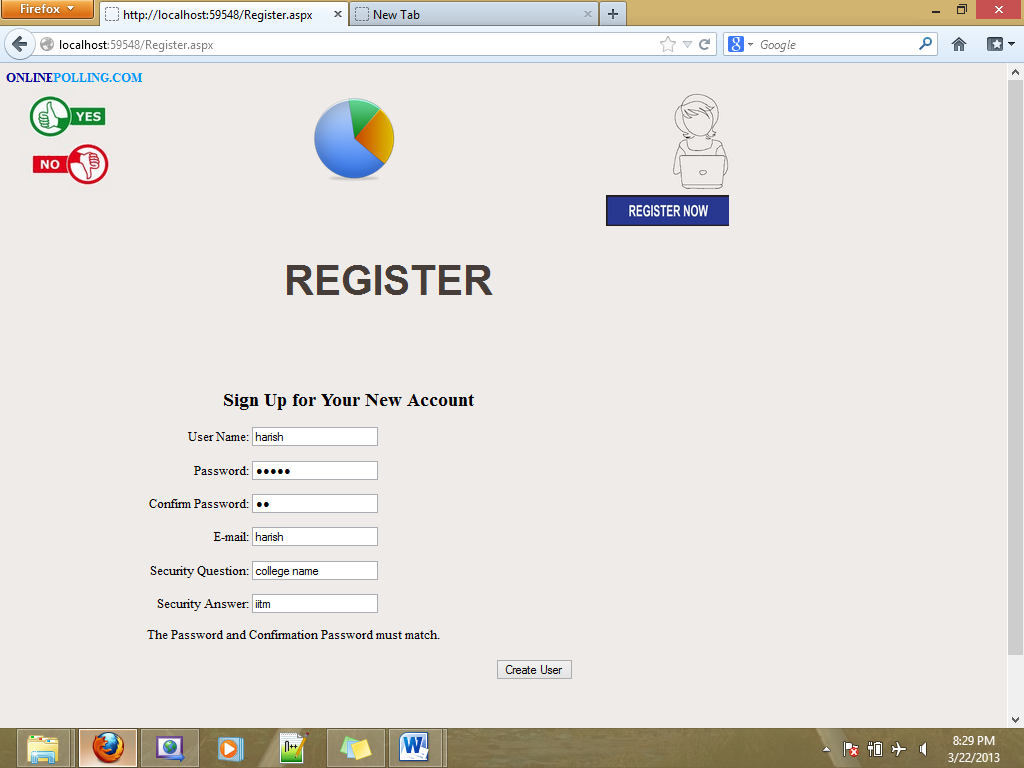
be left blank

**4.2.2Register form**

**Test Case:** Value of the password and confirm password should be match correct and any fileds

Cannot be empty

**Output :**



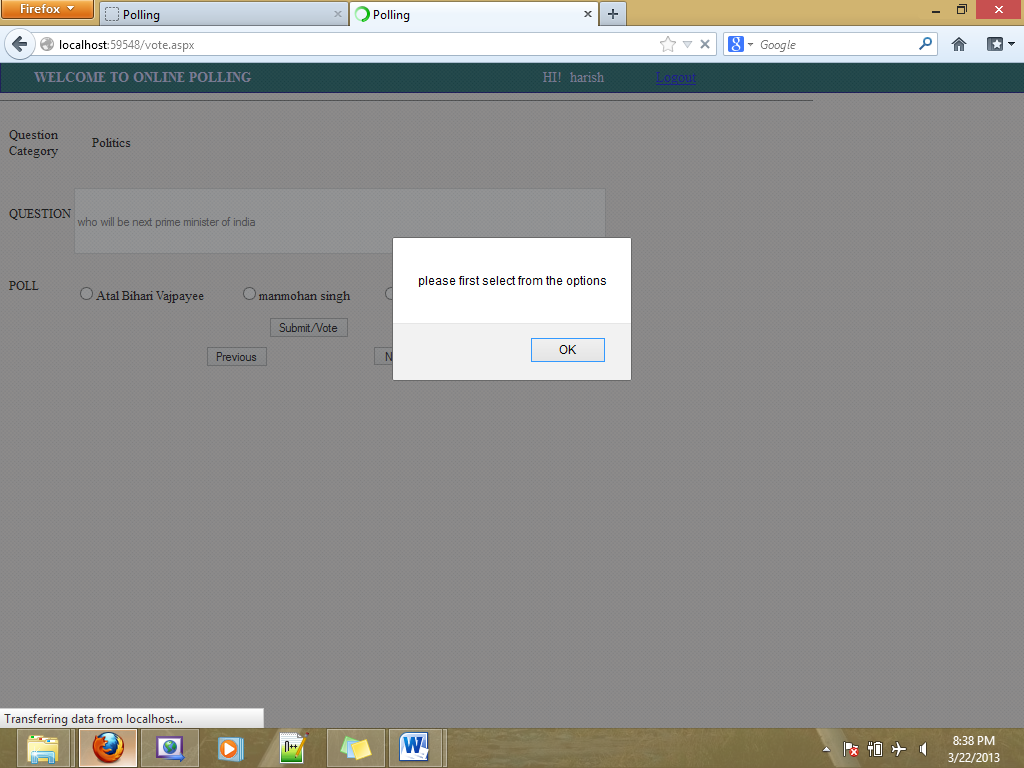
**Permissible Input**: The values entered should be correct, valid and no fields must

be left blank

**4.2.3Polling form**

**Test Case:** For submit first you have to select the options form the option list

**Output :**



**Permissible Input**: before clicking the submit/vote first select form the option list

**Chapter-5:**

**Summary and Conclusions**

**5.1 Objectives of the project**

The various objectives of ONLINE POLLING SYSTEM that have been achieved through this project are as follows:

* Reviewing the existing/current Polling process
* Coming up with an automated polling system
* Ensure availability and reliability of the voting system(i.e. protection against denial-of-service attacks, hacking, and phishing
* Ensure Authenticity of the voter (or the voting client acting on behalf of the voter
* Support the concept of secret
* Helpful for further government agencies, research, NGO Validating the system to ensure that only legible user are allowed to vote
  1. **Scope of Improvement**

There is always room for improvements, and the system we created can also be improved to some extent. There are some additional functionalities or tasks that can be added to our system as an improvement. These functionalities can be:

* System can be altered to support the comparative features like in which user can create there own poll and get the results for other users
* The system can be further enhanced in which user can pay and get addition benefits instant update about new poll etc.
* System can be altered to support graphical view of polling result

**5.3 Limitations**

* Not easy for illiterate peoples
* online voting skeptics point out that poor and minority voters have less access to computers and the Internet and so would be less likely to benefit from online voting
* Online voting's technical vulnerabilities could also undermine the integrity and credibility of voting systems. When hackers can break into high-security websites or cripple entire computer networks with Denial of Service attacks, voters might not trust reported results

**References**

[i] http://www.audienceresponse.com

[ii] http://en.wikipedia.org/wiki/online\_polling\_system

[iii] <http://www.simplyvoting.com>

[iv] Software Engineering By KK Aggarwal

[v] ASP.NET 3.5 Black Book