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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Assistant Professor(IT)   (00221102010)

Institute of Information Technology & Management,
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.

<div style="text-align: right">

Signature of the Student

Date:

</div>

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.

<div style="text-align: right">

Signature of the Guide

Date:

Name of the Guide: Ms Suman Singh

Designation: Assistant Professor(IT)

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Countersigned

Director/Project Coordinator

Acknowledgement

Online Polling System using ASP.NET

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.

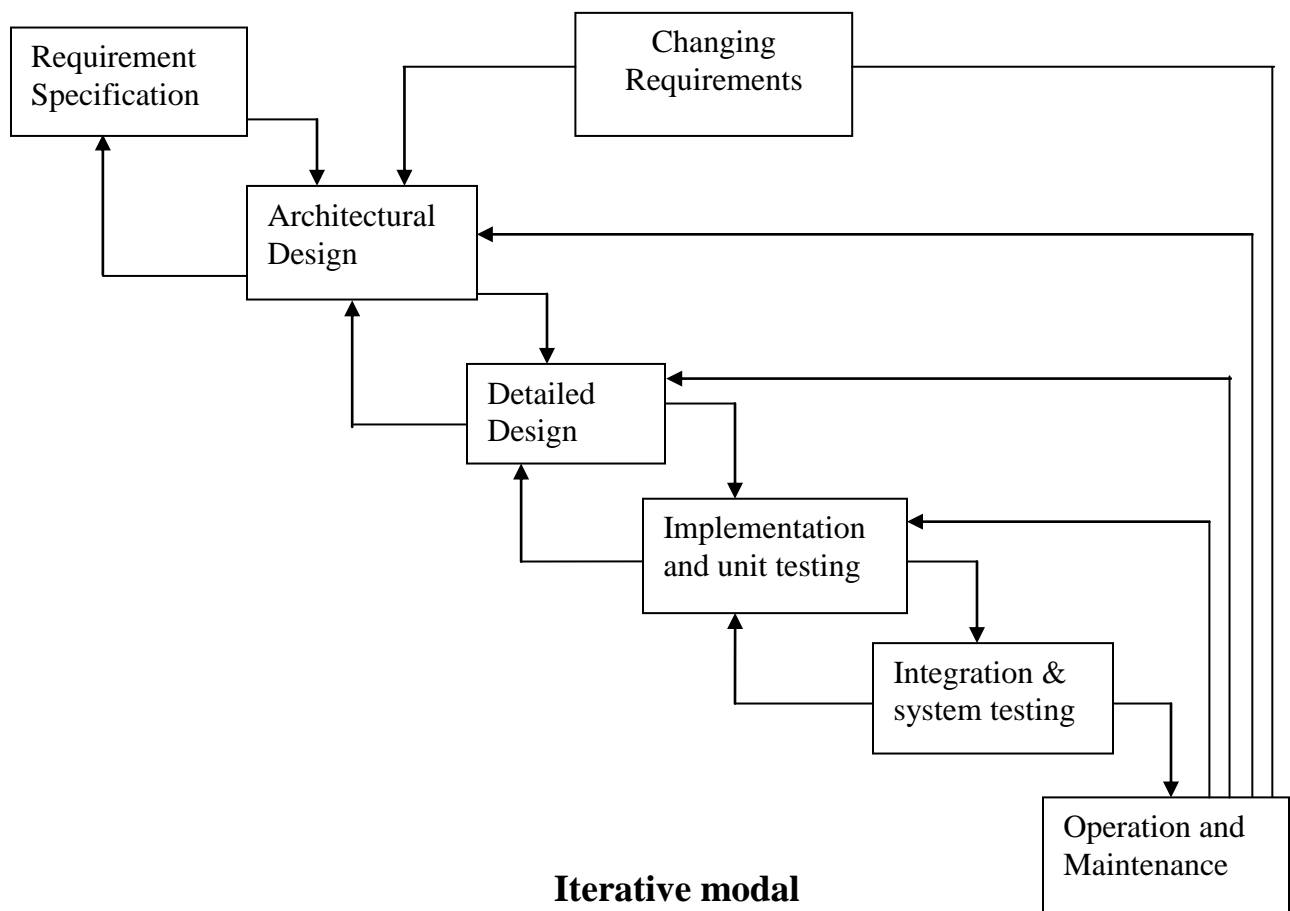- Helpful for further government agencies, research, NGO

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.

```
┌──────────────┐          ┌──────────────┐
│ Requirement  │          │  Changing    │
│Specification │          │ Requirements │
└──────────────┘          └──────────────┘
        ┌──────────────┐
        │ 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

1.1 <u>Organization Description</u>

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.

1.2 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

1.3 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

1.4 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.

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

1.5 System requirement tools

1.5.1 <u>Hardware Interfaces</u>

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

1.5.2 <u>Software Interfaces</u>

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

1.6 Project planning & Gantt chart

		Task Name	Duration	Start	Finish	Predecessors
1		Website on E-polling using .net	38 days	Mon 1/7/13	Wed 2/20/13	
2		Chapter 1 Introduction	11 days	Mon 1/7/13	Thu 1/17/13	
3		1.1 Organization Description	2 days	Wed 1/9/13	Thu 1/10/13	
4		1.2 About the proposed system	1 day	Fri 1/11/13	Fri 1/11/13	3
5		1.3 Methodology of data collection	1 day	Sun 1/13/13	Sun 1/13/13	4
6		1.4 Methodology of System Design(SDLC Model)	1 day	Mon 1/14/13	Mon 1/14/13	5
7		1.5 System requirement tools	1 day	Tue 1/15/13	Tue 1/15/13	6
8		1.6 Project planning & Gantt chart	2 days	Wed 1/16/13	Thu 1/17/13	7
9		Chapter 2 Systems Requirement Specifications	6 days	Fri 1/18/13	Fri 1/25/13	2
10		Chapter-3: Systems Design	8 days	Sat 1/26/13	Mon 2/4/13	9
11		Description of Information System:	2 days	Sat 1/26/13	Mon 1/28/13	
12		(a) Overall Design of the System:	2 days	Tue 1/29/13	Wed 1/30/13	11
13		(b) Physical Design	2 days	Fri 2/1/13	Sat 2/2/13	12
14		(c) Database Design	1 day	Mon 2/4/13	Mon 2/4/13	13
15		Chapter 4 Systems Development	9 days	Thu 2/7/13	Mon 2/18/13	10
16		Purpose	2 days	Thu 2/7/13	Fri 2/8/13	
17		(a) Programme Development	4 days	Mon 2/11/13	Thu 2/14/13	16
18		(b) Testing & Debugging	1 day	Mon 2/18/13	Mon 2/18/13	17
19		Chapter-5: Summary and Conclusions	1 day?	Tue 2/19/13	Tue 2/19/13	15

Figure 1.2Gantt Chart

Chapter-2:
Systems Requirement Analysis

2.1 <u>Introduction</u>

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.

2.2<u>Purpose</u>

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 <u>Scope</u>

- **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

2.4 Definition, acronyms, abbreviations

IEEE : The Institute of Electrical and Electronics Engineers

SRS: Software Requirements Specification

2.5 References

1) vote-now.com/index.html

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

3) www.gsmarena.com

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

2.6 Overview

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
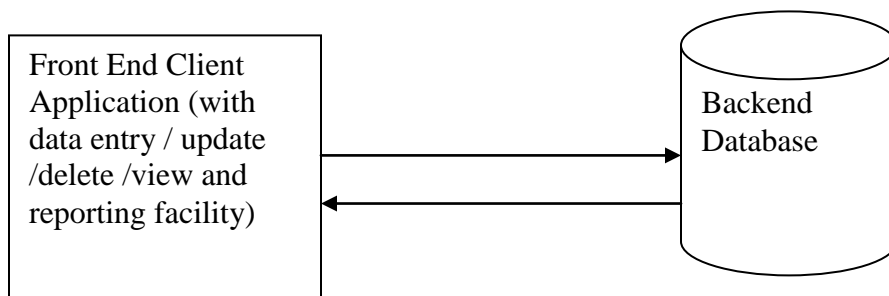
2.9 System Interfaces

None

2.10 Interfaces

2.10.1 Hardware Interfaces

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

2.10.2 <u>Software Interfaces</u>

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

2.10.3<u>Communication Interfaces</u>

Internet or Local host

2.11 <u>Memory Constraints</u>

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

2.12 <u>Operations</u>

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 <u>Site Adaptation Requirement</u>

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

2.14 <u>Product functions</u>

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

2.15 User Characteristics

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

2.15.2 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
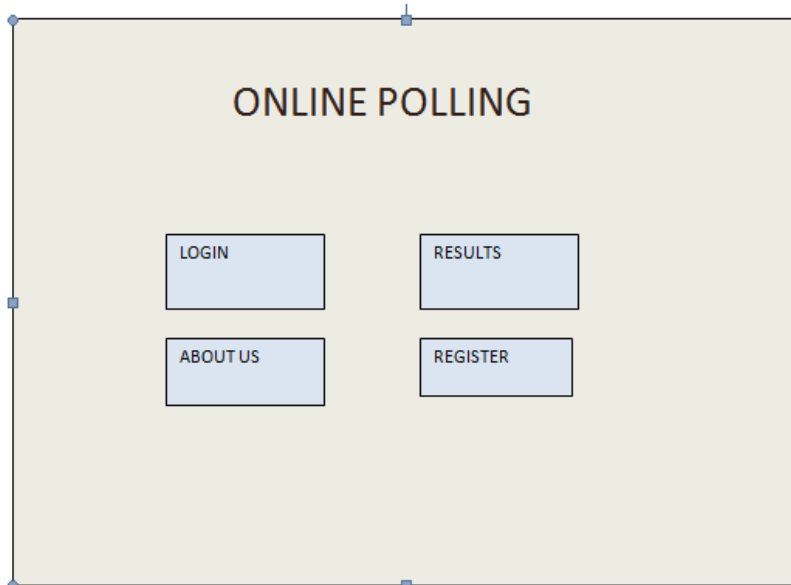
This section contains the software requirements to a level of detail sufficientto enable designers to design the system, and testers to test the system.

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:
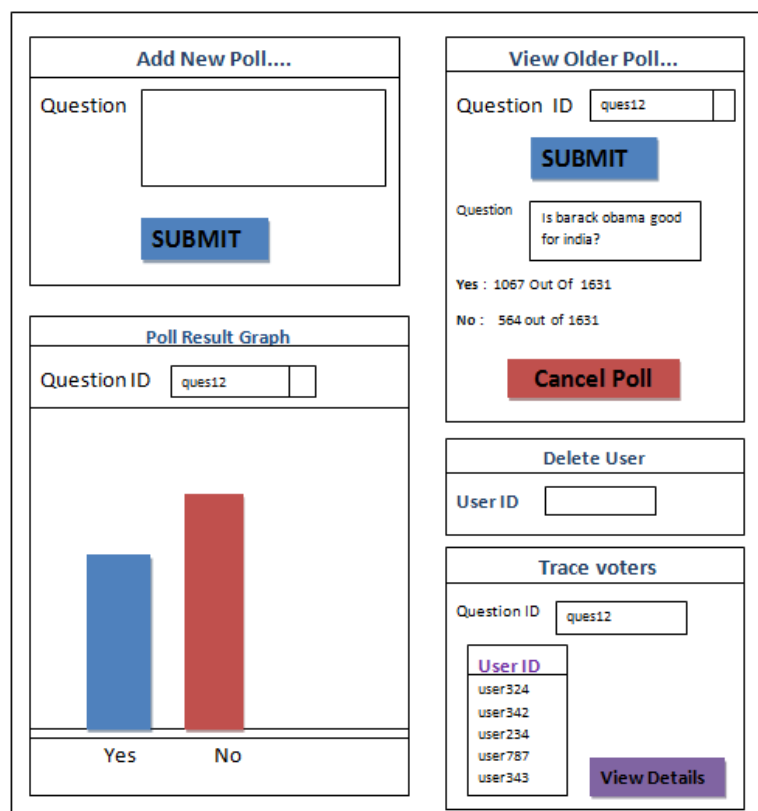
2.21 <u>User Interfaces</u>

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 <u>Software interfaces</u>

Software Tools

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

2.24 <u>Communication Interfaces</u>

None

2.25 <u>System Features</u>

a) **<u>Register</u>**

Description:- In this module the user enters the details like username ,password, Email id, security question and answer

<u>Validity checks</u>

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

<u>Error Handling / Response to abnormal situations</u>

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.

b) <u>**Login**</u>

Description:- The module provides the facility to login. This module can contain two text box first for username and second for password.

<u>**Validity checks**</u>

➢ Any textbox cannot be left blank.

<u>**Error Handling / Response to abnormal situations**</u>

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

c) <u>**Polling**</u>

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

<u>**Validity checks**</u>

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

<u>**Error Handling / Response to abnormal situations**</u>

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 <u>**Performance Requirements**</u>

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 <u>Login Table</u>

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 <u>Poll Table</u>

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 <u>Result Table</u>

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

2.27.6 <u>Feedback Table</u>

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 <u>Design Constraints</u>

Best view on 1024 X 768

2.29 <u>Software System Attributes</u>

➢ <u>Reliability</u>
This application is a reliable product that produces fast and verified
output of all its processes.

➢ <u>Availability</u>
This application will be available to use for our users and help them
to carry out their operations conveniently.

➢ <u>Security</u>
The application will be password protected. User will have to enter
correct username, password for poll and role in order to access the
application.

➢ <u>Maintainability</u>
The application will be designed in a maintainable manner. It will be
easy to incorporate new requirements in the individual modules.

➢ <u>Portability</u>
The application will be easily portable on any web-based system
that has SQLExpress installed.

2.30 <u>Other Requirements</u>
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'.
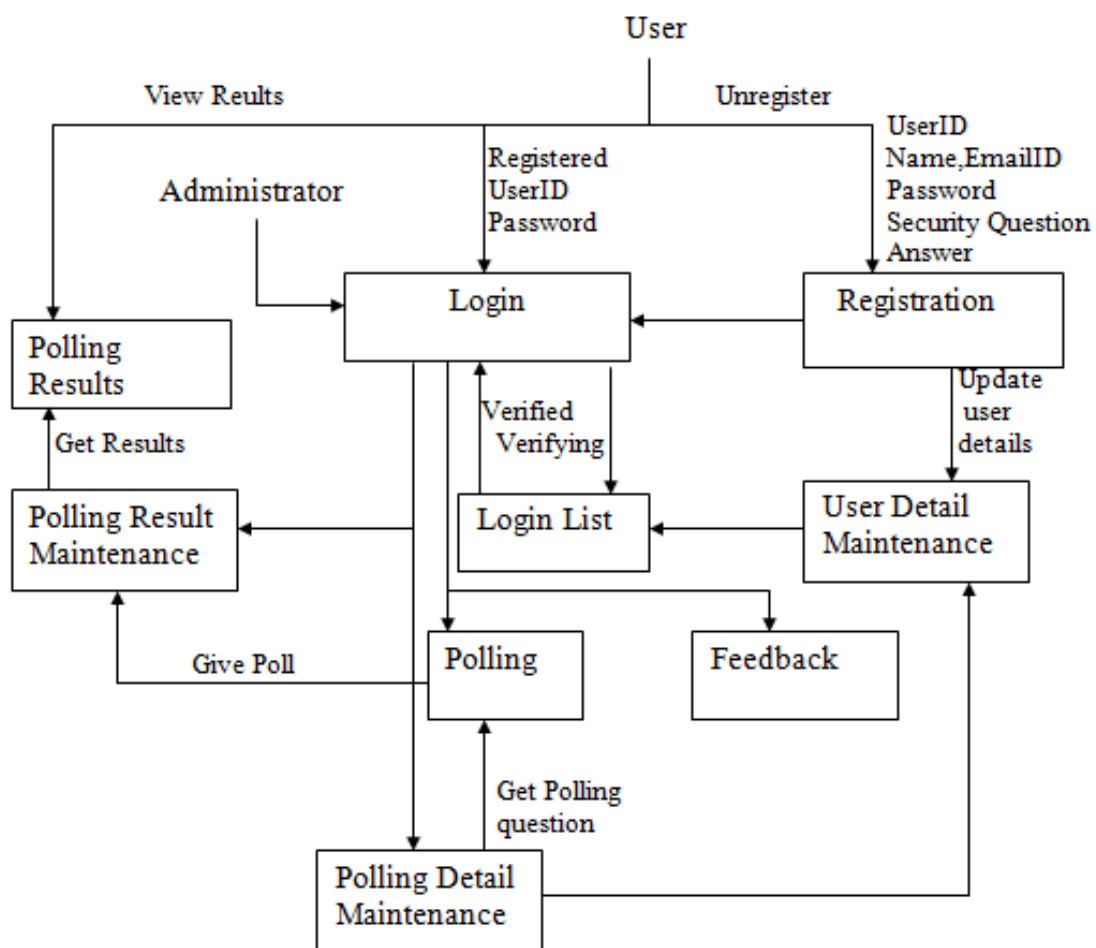
Figure 3.1 Block Diagram

3.1.2 <u>Physical Design</u>

    3.1.2.1 Use Case Diagram
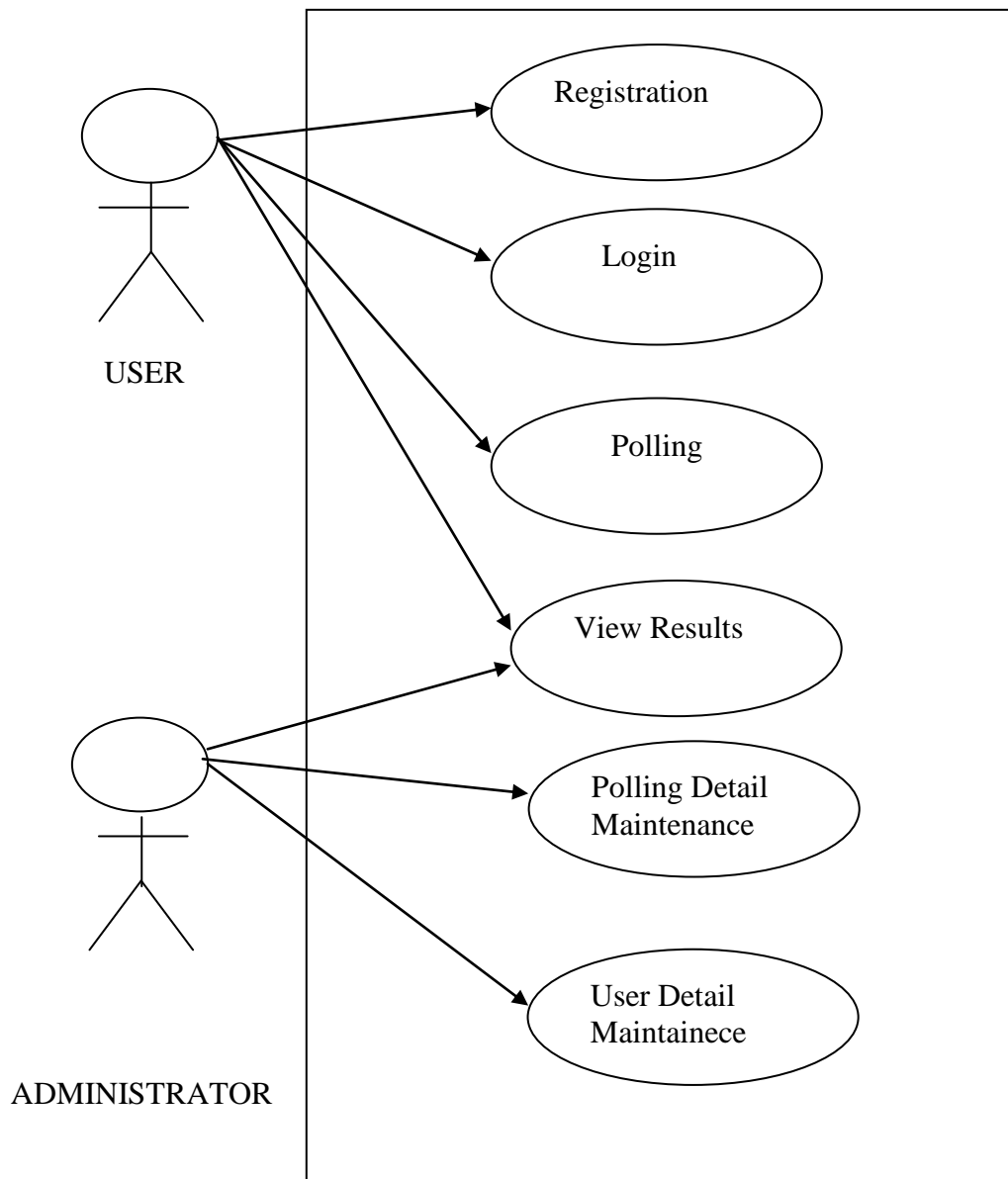
Figure 3.2 Use Case Diagram

3.1.2.2 Activity Diagram

3.1.2.2.1Activity diagram for Login
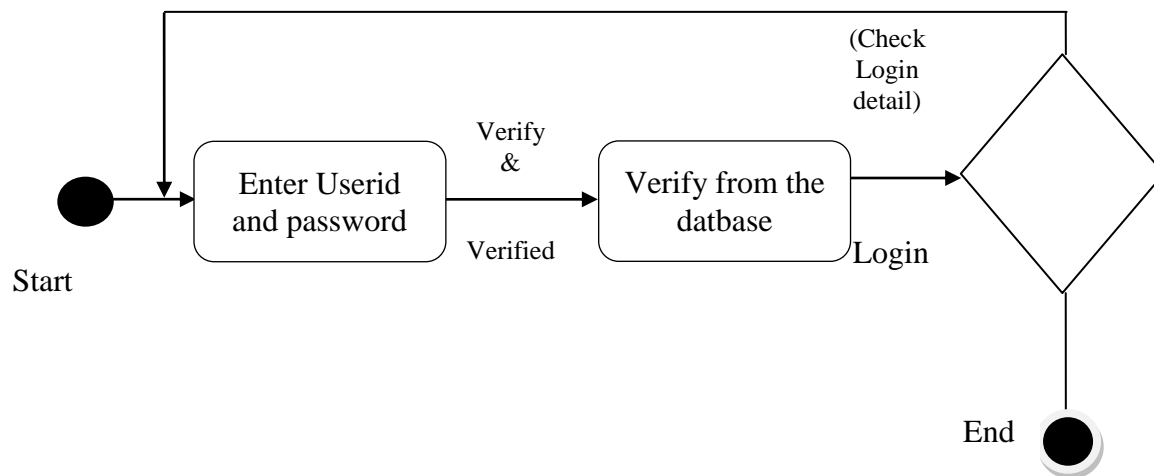
Figure 3.3Activity diagram for Login

3.1.2.2.2Activity diagram for Registration
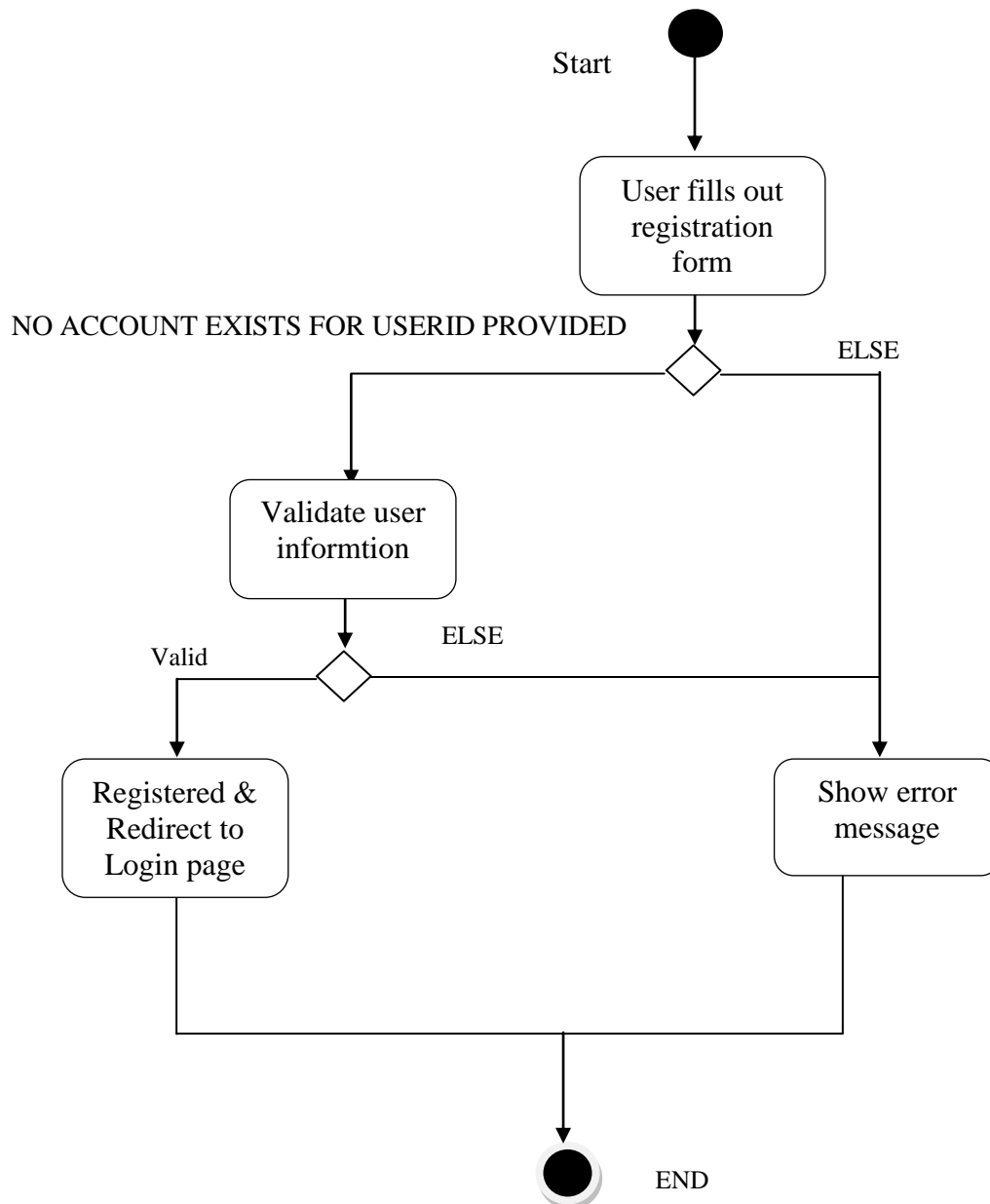
Figure 3.4 Activity diagram for Registration

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
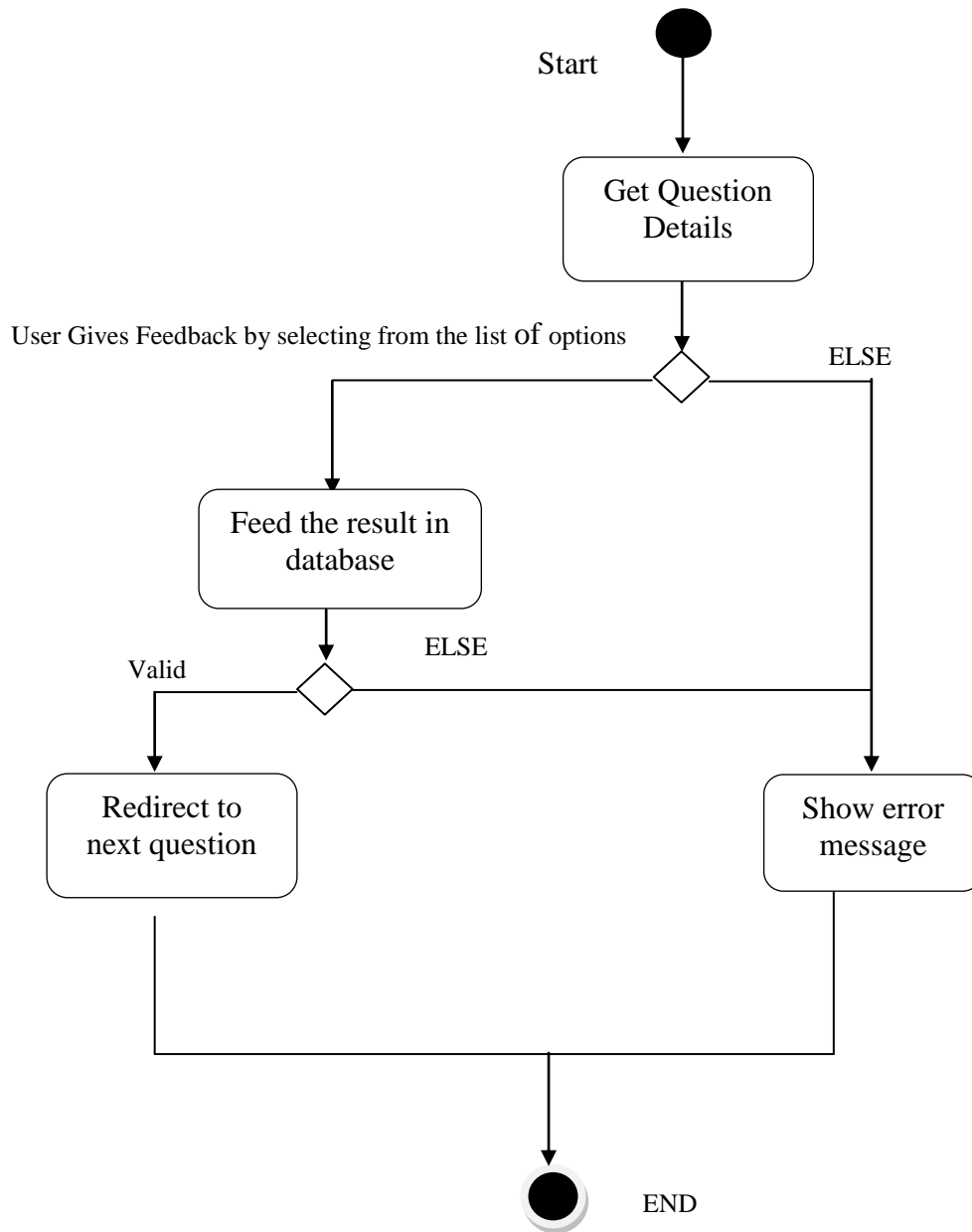
Figure 3.5Activity Diagram for Polling

3.1.2.3 Sequence Diagram

3.1.2.3.1 Login Sequence Diagram:
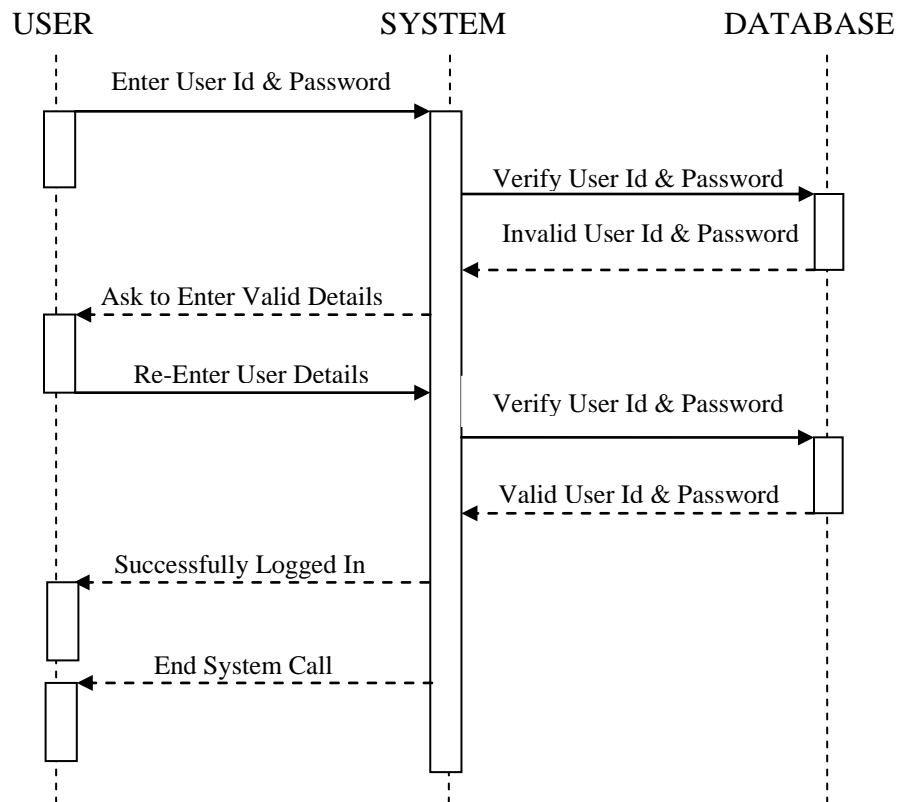
<u>Figure 3.6 Sequence Diagram of Login</u>

3.1.2.3.2Registration Sequence Diagram:
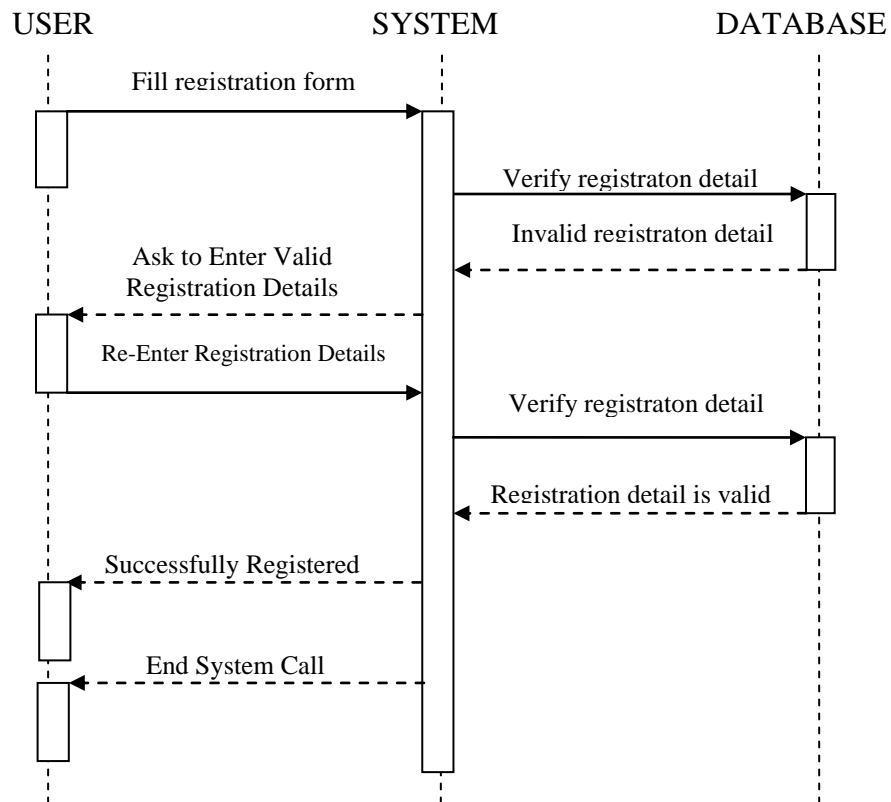
Figure 3.7 Sequence Diagram of Registration

3.1.2.3.3Polling Sequence Diagram:
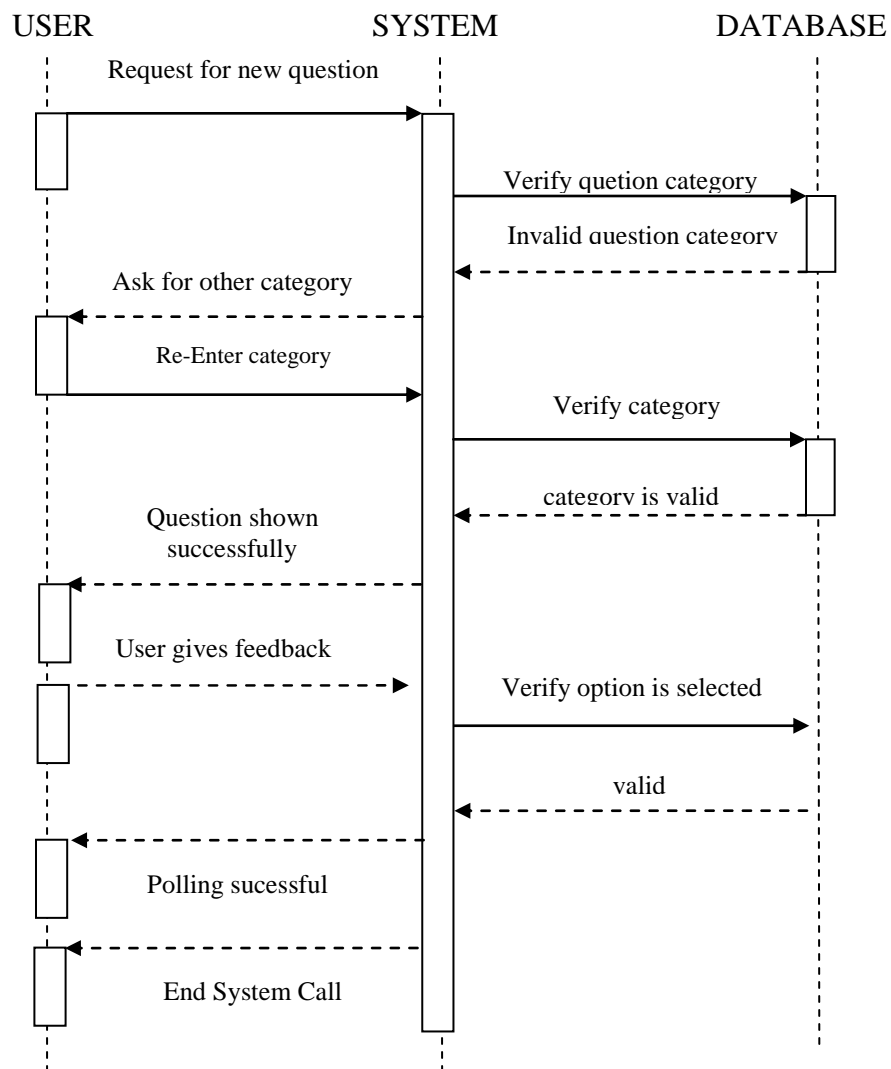
Figure 3.8 Sequence Diagram of Polling

3.1.2.4 ER Diagram
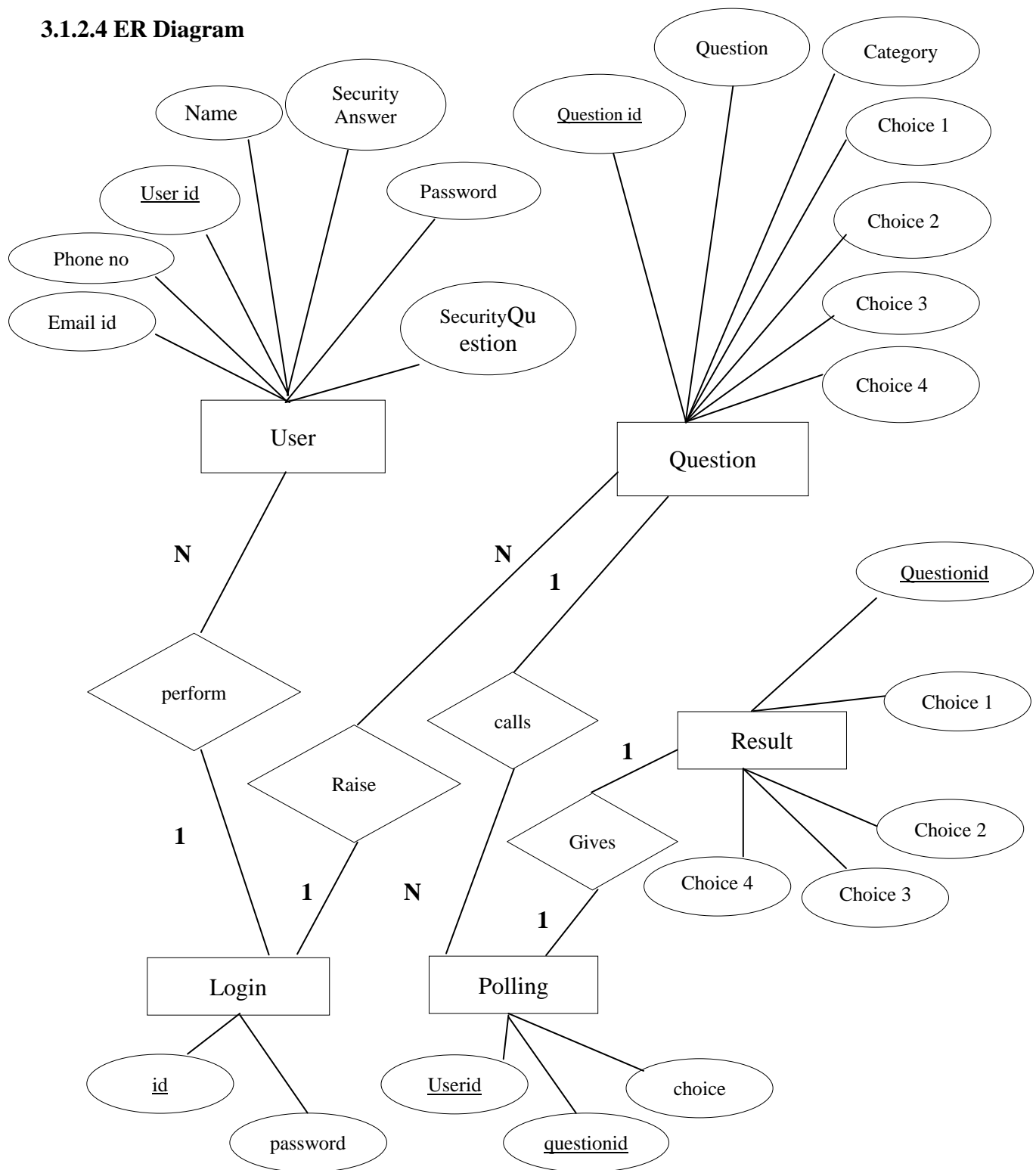
Figure 3.9 ER Diagram

3.2 Physical Design

3.2.1 Site Map
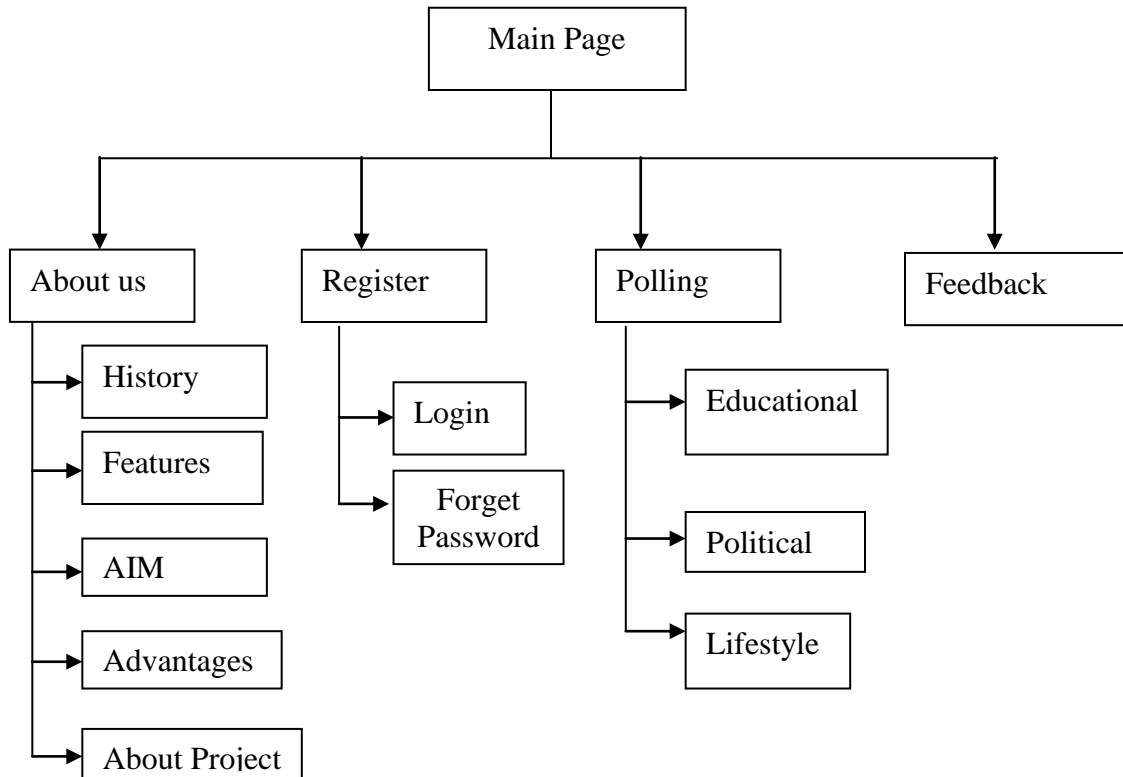
Figure 3.10 Site Map

3.3 Database Design

      3.3.1 <u>Question Table</u>

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

<u>Table 3.1 Question Table</u>

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 <u>Poll Table</u>

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 <u>Result Table</u>

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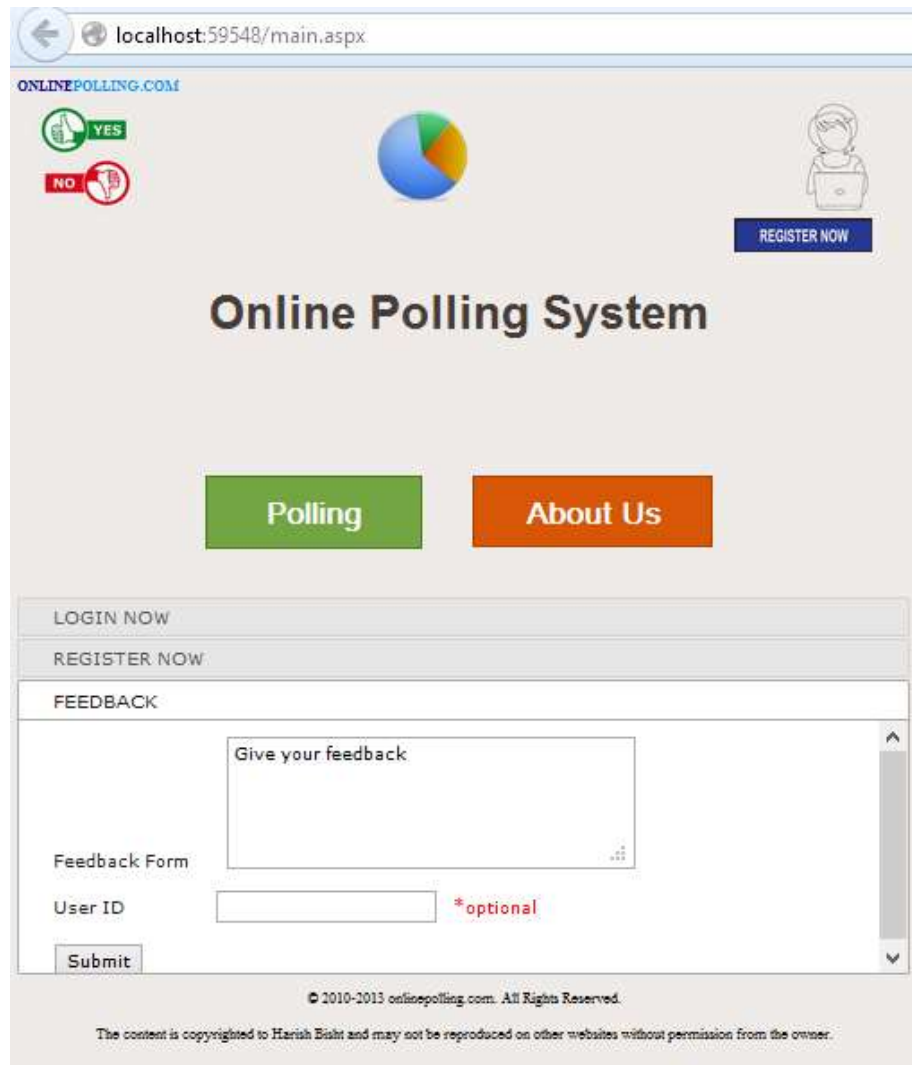
FEEDBACK TABLE			
Field Name	**Field Type**	**Field Size(No of Character)**	**Description**
S.NO	VARCHAR	10	It contain the S.no
FEEDBACK	VARCHAR	100	It contain the feedback text
USER ID	VARCHAR	20	It contain the user id

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">  
<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">
 </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"  />

            
<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>
 </p>

<div id="accordion">
```

```
<h3> LOGIN NOW </h3>
<div>
<p>
 Click on login for give your
poll            
<asp:LinkButton ID="LinkButton1" runat="server"
PostBackUrl="~/Login.aspx">Login</asp:LinkButton>

</p>
</div>

<h3> REGISTER NOW</h3>
<p>
  Not Registered? get register for free    
<asp:LinkButton ID="LinkButton2" runat="server"
PostBackUrl="~/Register.aspx">Register</asp:LinkButton>
 </p>

<h3> FEEDBACK </h3>
<p>
    Feedback Form
     


<asp:TextBox ID="TextBox1" runat="server" Height="136px" Width="444px"
        TextMode="MultiLine">Give your feedback</asp:TextBox>

<br />
<br />
      User
ID            &nbs
p;   

<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
  <span class="style16">*optional</span>

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

</p>
</div>
```

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```
</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
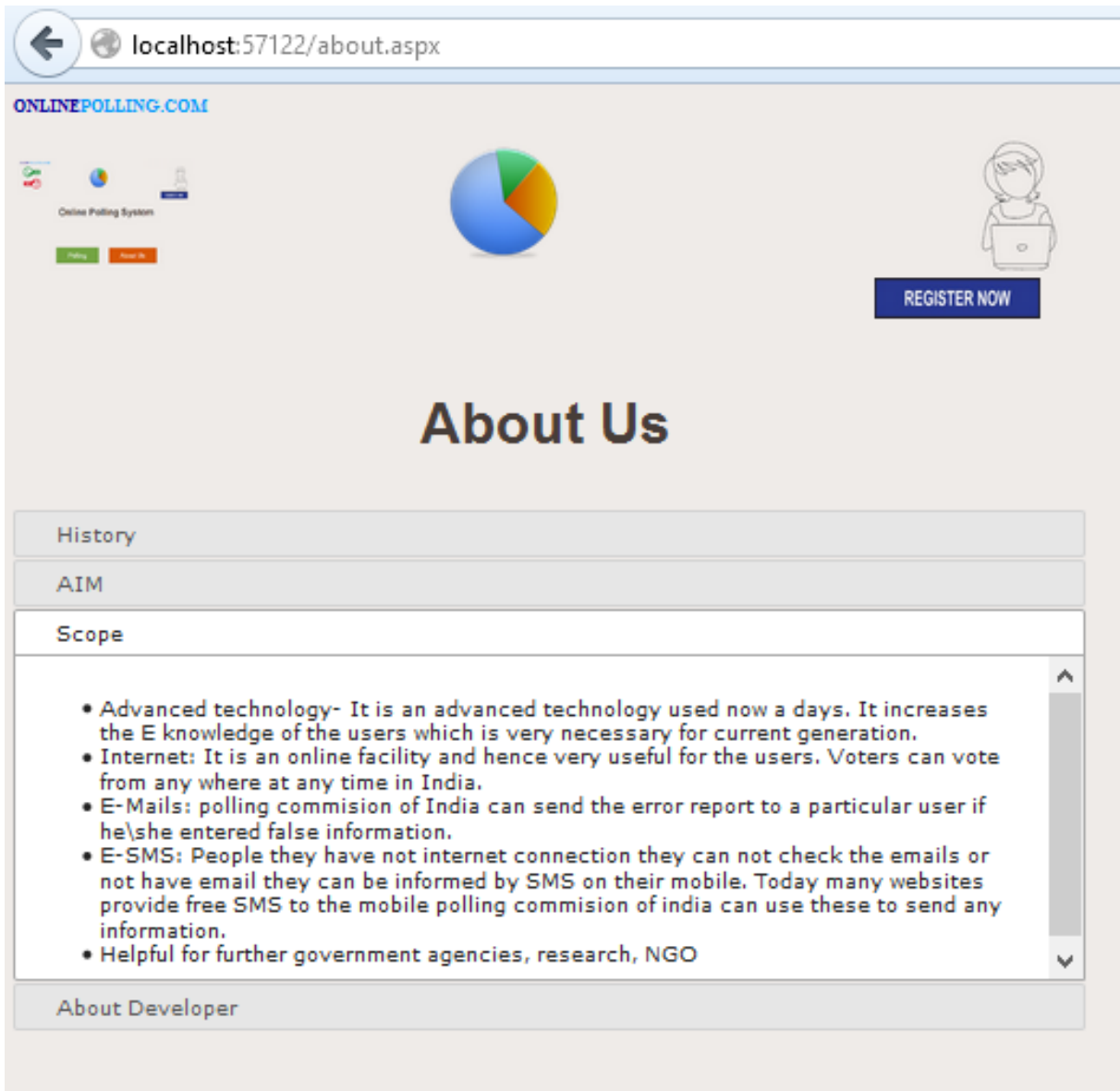
Figure 4.2About page

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>

 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

</p>

</div>
<h3>About Developer</h3>
<div>
<p>

Harish Singh Bisht
BCA E 6th SEM
00221102010
IITM

</p>

</div>
</div>

</body>
</html>

4.1.3 Login page
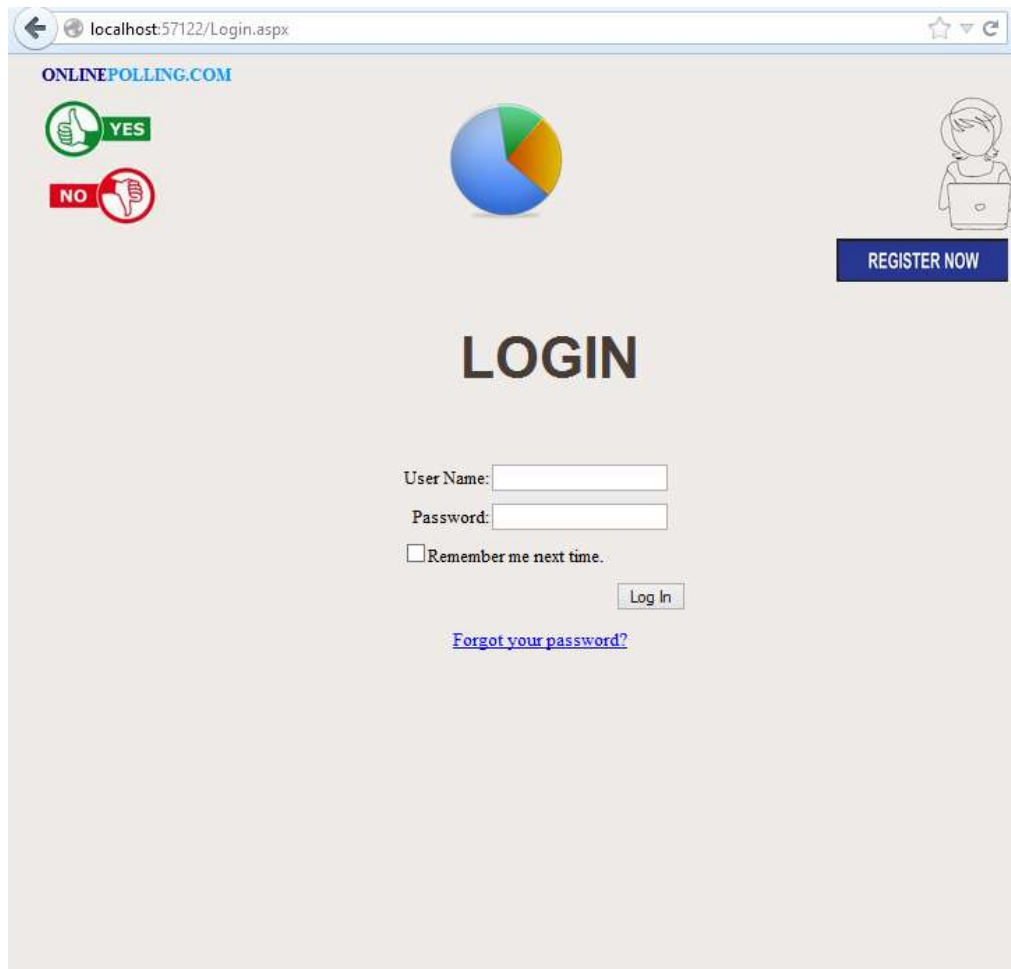
Figure 4.3Login page

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">
     
<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">  
<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;">
<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">
 
<table style="width:100%;">
<tr>
<td class="style16">
 </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>

    <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">
```

55

```
<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;">
 </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 />
        
</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
```

```vbnet
    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">  
 <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>
```

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```
</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 />
 
<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">

            
</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>        WELCOME TO ONLINE
POLLING          </strong> HI! 
<asp:Label ID="Label3" runat="server" Text="Label"></asp:Label>
           
<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>


 <table style="width: 100%; height: 319px;">
<tr>
<td class="style8">
          Question Category</td>
<td class="style9">
     
<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">
         
<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">
        
<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>
 </td>
</tr>
<tr>
<td class="style3">
 </td>
<td class="style4">
<asp:Button ID="Button3" runat="server" Text="Submit/Vote" />
</td>
<td>
 </td>
</tr>
<tr>
<td class="style3">
 </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>
 </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
```

```vb
   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
```

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```
      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")
```

```vbnet
      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">
 </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">
 <asp:Label ID="Label2" runat="server"
                     style="font-size: large; font-weight: 700" Text="Question"></asp:Label>
</td>
<td class="style4">
 <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">
      
<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">
 
<asp:Label ID="Label3" runat="server" Text="Choice 1"></asp:Label>
<br />
 <asp:Label ID="Label4" runat="server" Text="Choice 2"></asp:Label>
</td>
<td class="style9">
      
<asp:TextBox ID="TextBox2" runat="server" Height="22px"></asp:TextBox>
 <br />
       <asp:TextBox ID="TextBox3"
runat="server"></asp:TextBox>
 </td>
</tr>
<tr>
<td class="style5">
 
<asp:Label ID="Label5" runat="server" Text="Choice 3"></asp:Label>
<br />
 <asp:Label ID="Label6" runat="server" Text="Choice 4"></asp:Label>
</td>
<td class="style4">
      
<asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>
   <br />
       <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">  </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">  </span>       &nbs
p;          
<asp:Button ID="Refresh" runat="server" Text="Refresh" />
 
<br />
<br />
 
<asp:Label ID="Label8" runat="server" Text="Question ID"></asp:Label>
            <asp:Label
ID="Label16" runat="server"
                Text="Label"></asp:Label>
             
 
<asp:Localize ID="Localize1" runat="server"></asp:Localize>
             
     
<br />
<br />
 
<asp:Label ID="Label10" runat="server" Text="Question"></asp:Label>
             
   
<asp:Label ID="Label11" runat="server" Text="Question"></asp:Label>
   
<br />
<br />
 <span class="style10"><strong>  Options                Result<br />
<table style="width: 100%; height: 115px;">
<tr>
<td class="style29">
 
<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">
 
<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">
 
<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">
 
<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>
 <br />
<br />

 

<asp:Button ID="move_first" runat="server" Text="First" Width="57px" />
 
 <asp:Button ID="move_previous" runat="server" Text="Previous" />
```

```
 
 <asp:Button ID="move_next" runat="server" Text="Next" Width="58px" />
 
 <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 />
             
  
<span class="style10">        </span>
<strong>
<span class="style13">Delete Poll<br />
<br />
</span>
<span class="style28">Select the poll ID </span>
<span class="style13">       
<asp:DropDownList ID="DropDownList3" runat="server"
            DataSourceID="SqlDataSource2" DataTextField="id" DataValueField="id"
            style="width: 88px">
</asp:DropDownList>
 <br />
</span>
<span class="style28">
<br />
        
<asp:Button ID="Button2" runat="server" Text="Find Question details" />
<br />
<br />
            Question : </span>
<span class="style13">     
<asp:Label ID="Label17" runat="server" style="color: #000000"></asp:Label>
<br />
       
<br />
</span><span class="style28">
<br />
</span>
```

```
<span class="style13">
<br />
            
     
<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">
        
<br />
<strong><span class="style14">Feedback<br />
</span>   
<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>
  <asp:SqlDataSource ID="SqlDataSource1" runat="server"
            ConnectionString="<%$ ConnectionStrings:SQLEXPRESSConnectionString1
%>"
            SelectCommand="SELECT * FROM [feedback]"></asp:SqlDataSource>
 </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()
```

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```
       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
```
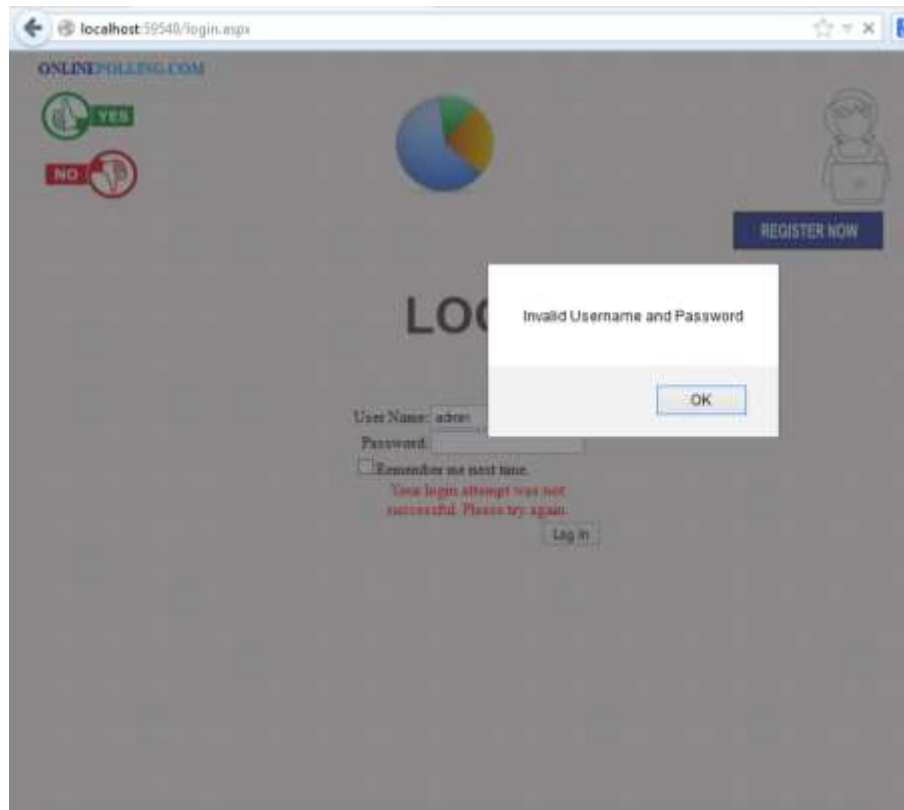
4.2 Testing & Debugging:

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
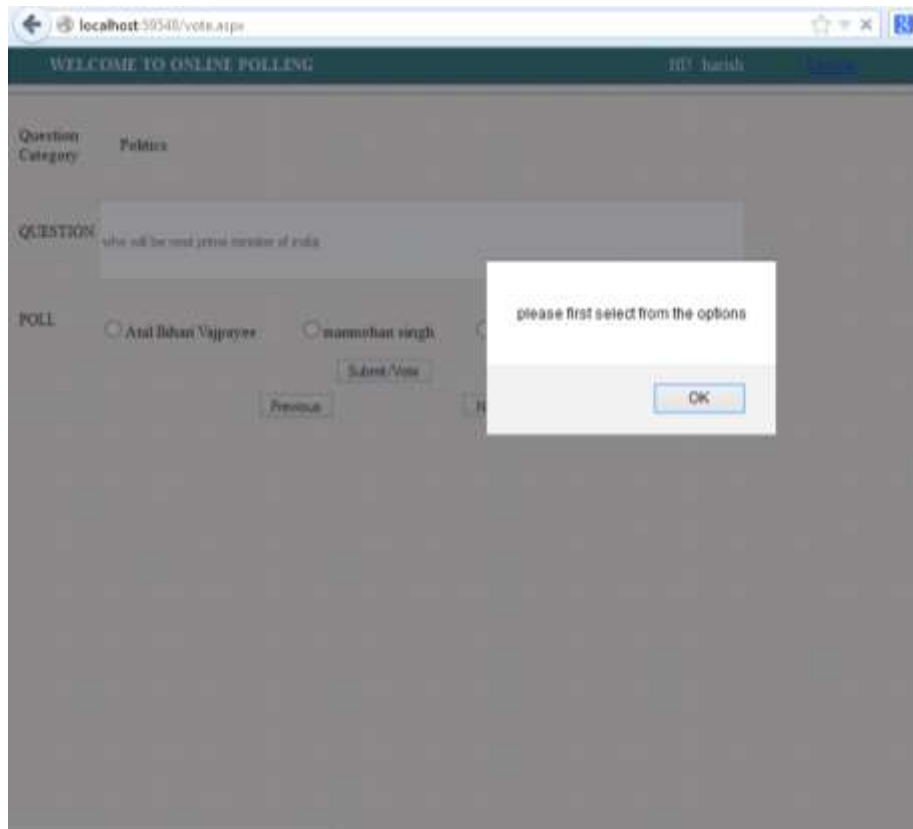Cannot be empty

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

5.2 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