

On Line Polling Information System

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Abstract

In a social democratic set up voting is one of our fundamental duties as responsible citizens of the country. But nowhere around a 100% people come to vote during the elections in their territory. Net savvy new generation want manual free voting system. Survey says public need a system on their hands reach through which they can vote. Keeping this as objective this via net based Information System is engineered.

Keywords: Corporate Governance, SME, Norms

1. Introduction

The purpose of this system is to design and develop the application of On Line National Polling through which one can vote on line to the contestant he wishes. While making a request to the system for on line voting the system generates the Vote rid by which the user casts his vote. This system also provides the facility that displays e-results by constitution wise. The existing manual system making use of polling booths is totally time driven which is not that of the present.

2. Solution of These Problems

- Reliability: The project performs intended function with required precision; hence this project is very reliable.
- Feasibility: The project maintenance is easy and modifications can be made in the existing system in future. All data is centralized.
- Online Processing: The online processing of the project is very simple following the existing manual method without changes and suitable validation is provided for the easy and correct access of users.
- Security: Security measures are taken to avoid mishandling of database. Password restrictions are provided to enter into database.

3. Proposed System

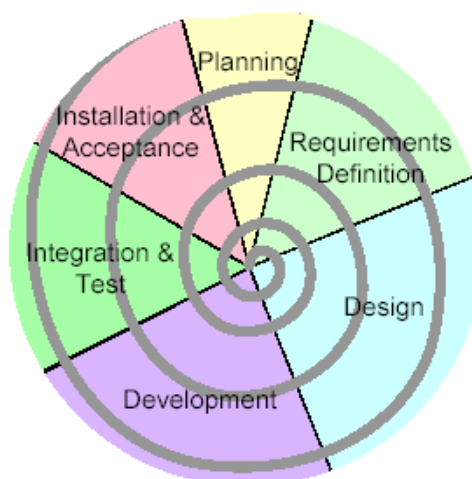
The problems in the existing system are taken back in the new by the designed interface having flexibility of online registration cum voting. The system displays the e results after the user has voted. The facility to check the status details of the user and vicinity of the candidates for nominations are the key factors of the interface.

4. Process Models Used

SDLC Model:

Software Development Life Cycle (SDLC)

The Software Development Lifecycle (SDLC) for small to medium database application development efforts.



This project uses iterative development lifecycle, where components of the application are developed through a series of hard iteration.

5. Hardware Requirements

Content	Description
HDD	20 GB Min 40 GB Recommended
RAM	512 GB Min 1 GB Recommended

6. Software Requirements

Content	Description
OS	Windows XP with SP2 or Windows Vista
Database	MS-SQL server 2005
Technologies	ASP.NET with C#.NET
IDE	Ms-Visual Studio .Net 2008
Browser	IE

tblAdminLogin			
	Column Name	Data Type	Allow Nulls
	UserName	varchar(50)	☐
	Password	varchar(50)	☒
	Role	varchar(50)	☒
	UserId	int	☒
			☐

Table :1 Administrator login to view and update details of voters and their nominees.

tblVoterRegistration			
	Column Name	Data Type	Allow Nulls
	SNo	int	☐
	VoterId	varchar(50)	☐
	FName	varchar(50)	☒
	LName	varchar(50)	☒
	FatherName	varchar(50)	☒
	DOB	datetime	☒
	DOR	datetime	☒
	Address	varchar(200)	☒
	ConstitutionID	int	☒
	EMailID	varchar(100)	☒
	ContactNo	bigint	☒
	ElectionMode	varchar(50)	☒
	Photo	varbinary(MAX)	☒
	PhotoFileName	varchar(100)	☒
	Status	varchar(100)	☒
			☐

Table :2 Voter register online by specifying his/her Full name, Father name, Date of Birth, address, Email ID etc .After registering user would be given VoterID through which he can vote a particular candidate.

The screenshot shows a web browser window titled "Untitled Page - Microsoft Internet Explorer". The address bar displays "http://localhost:1985/OnlineNationalPoling_Code/frmVoterRegistration.aspx". The page features a header with the text "On Line National Polling" and a navigation menu with links: ABOUT US, ELECTION NEWS, E-RESULTS, LOG IN, and CONTACT US. Below the header is the "OnLine Voter Registration Form". It includes radio buttons for "New User" (selected) and "Existing User". A "Login Information" section contains fields for "Enter Voter Id", "Password", "Conform Password", and "Election Mode" (with "OnLine" selected). Below this is a registration form with fields for "FirstName" (Sandhya), "Father Name" (Sandhya'sFather), "LastName" (P), "DateOfBirth" (2/14/1988), "Email Id" (Sandhya@gmail.com), "Age" (21), "Address" (Kadapa), "Constituency Name" (Penugonda), and "PhoneNo" (1234567890). At the bottom, there is a section labeled "Upload Your Photo Here". The browser's status bar at the bottom shows "Done" and "Local intranet".

Figure :1 Interface where the user enters input for registering online where he/she would be given VoterID through which the user can vote to particular candidate.

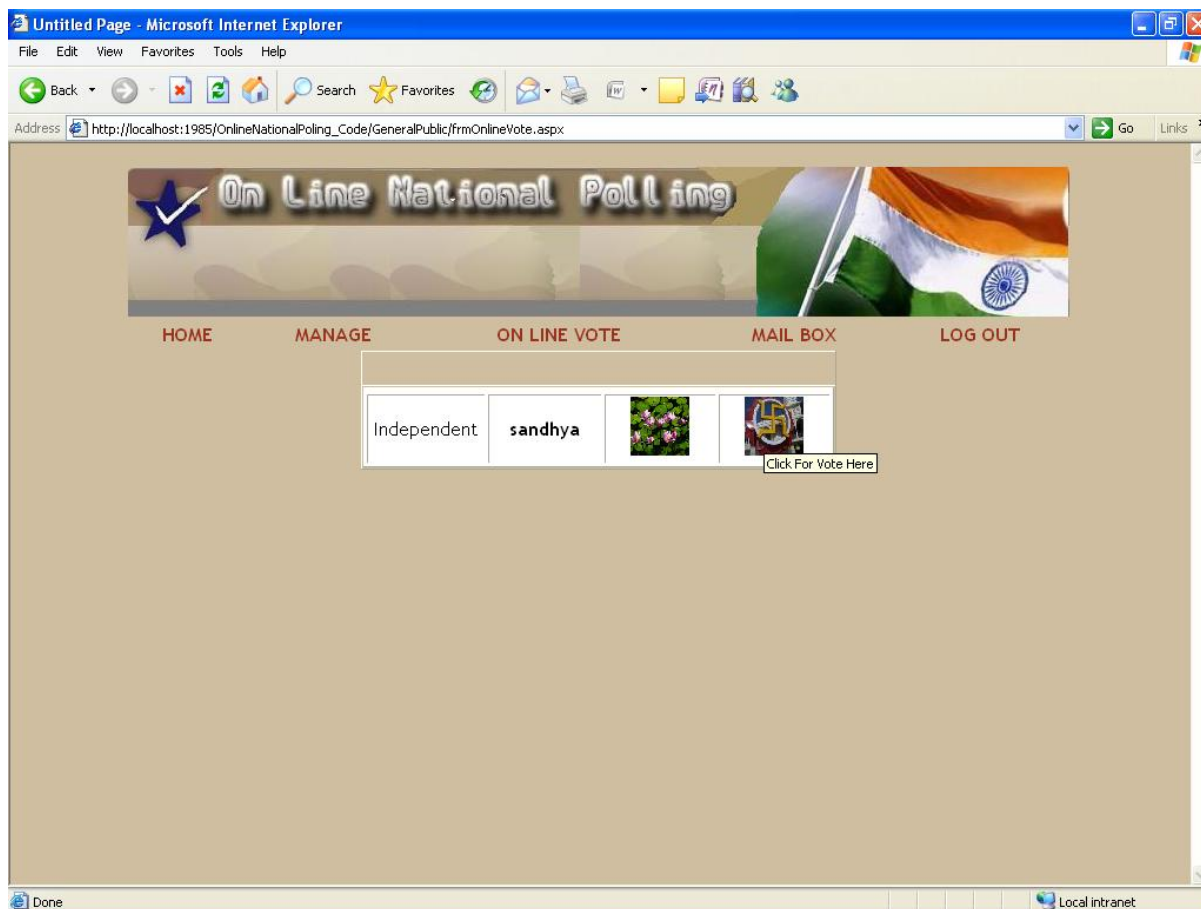


Figure :2 Here voter vote for a candidate through the voter's Voter ID

7. Benefits of the System:

The work is identified by the merits of the system offered to the user. The merits are as follows: -

- It's a web-enabled project.
- This project offers user to enter the data through simple and interactive forms.
- The user is mainly more concerned about the validity of the data, whatever he is entering. There are checks on every stages of any new creation, data entry or updation so that the user cannot enter the invalid data, which can create problems at later date.
- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Through these features it will increase the efficiency, accuracy and transparency.

8. Limitations of the System:

- The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
- Training for simple computer operations is necessary for the users working on the system.

9. Conclusion

It provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently in area of e-governance.

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