



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

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Mini Project on E- Polling System

Batch-C_FS_02

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ABSTRACT (i)

- We are developing an E-Polling system by taking advantage of the centralized database with a web interface. The main concept of this project is to build a website, which should be able to allow people to cast their vote by online.
- Time saving, working load reduced, information available at time and it provides security for the data.

ABSTRACT (ii)

- This is a simple, safe and secure method that takes minimum of time. We proceed our project with the assumption that each voter has a voter ID storing his/her unique identity including data.
- We are to maintain a centralized database of enrolled voters, the primary key of which is a unique national ID stored on the database. The database administrator is the control the website. Control of the process is entirely in the hands of the computer, and cannot be manipulated by any others.

ABSTRACT (iii)

- Integrity of the results is guaranteed; Preventing the chance of false voting (i e) high secured false proof voting. Generally voting has to be performing by user by going to the voting center.
- Many users like army person or NRI cannot come to the voting place. Therefore we have to implement a E-Polling system by which the users can vote over the online. It is one of the greatest advantage for NRI and person who go outside the country they can vote on online by our software.

Software Requirements

Operating System : Windows 7 Ultimate

Web Development Platform : ASP . NET 4.0

Back-end : Microsoft SQL server 2012

Browser : Mozilla Firefox

Hardware Requirement

- **Intel Pentium or and processors with speed minimum T4300,(2.10Ghz)**
- **Minimum 1GB RAM.**
- **Accelerated graphics card.**
- **Minimum 50MB hard disk.**
- **Better performance with 2.10ghz and above cache memory**

ABOUT THE PROJECT

- This is a simple, safe and secure method that take minimum of time.
- By developing website which will be solution to this problem. The election commissioner will maintain this website.
- Once a person cast his/her vote, with proper authentication the revoting will be prohibited. Once the voting is over, all the counting will be done online and result will be displayed.
- This method of web voting can provide security and no proxy voting can be done.

PROPOSED SYSTEM (i)

1. **Planned approach towards working:** - The working in the organization will be well planned and organized. The data will be stored properly in data stores, which will help in retrieval of information as well as its storage.
2. **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.

PROPOSED SYSTEM (ii)

- 3. **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.
- 4. **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.

PROPOSED SYSTEM (iii)

- 5. **Immediate storage of information:** - In manual system there are many problems to store the largest amount of information.
- 6. **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.

E-POLLING SYSTEM contains-:

- Voter's information in database.
- Voter's Names with ID.
- Voter's vote in a database.
- Calculation of total number of votes.

Various operational works that are done in the system are:-

- Recording information of the Voter in Voter database.
- Checking of information filled by voter.
- Discard the false information.
- Each information is sent to ELECTION COMMISSION OF INDIA.

User Characteristics

- Every user should be:
- Comfortable with Internet Browser.
- He must have brief knowledge of voting system.
- He must also have basic knowledge of English too.

Constraints

- GUI(Graphics User Interface) is only in English.
- voterID and password is used for identification of Voter.

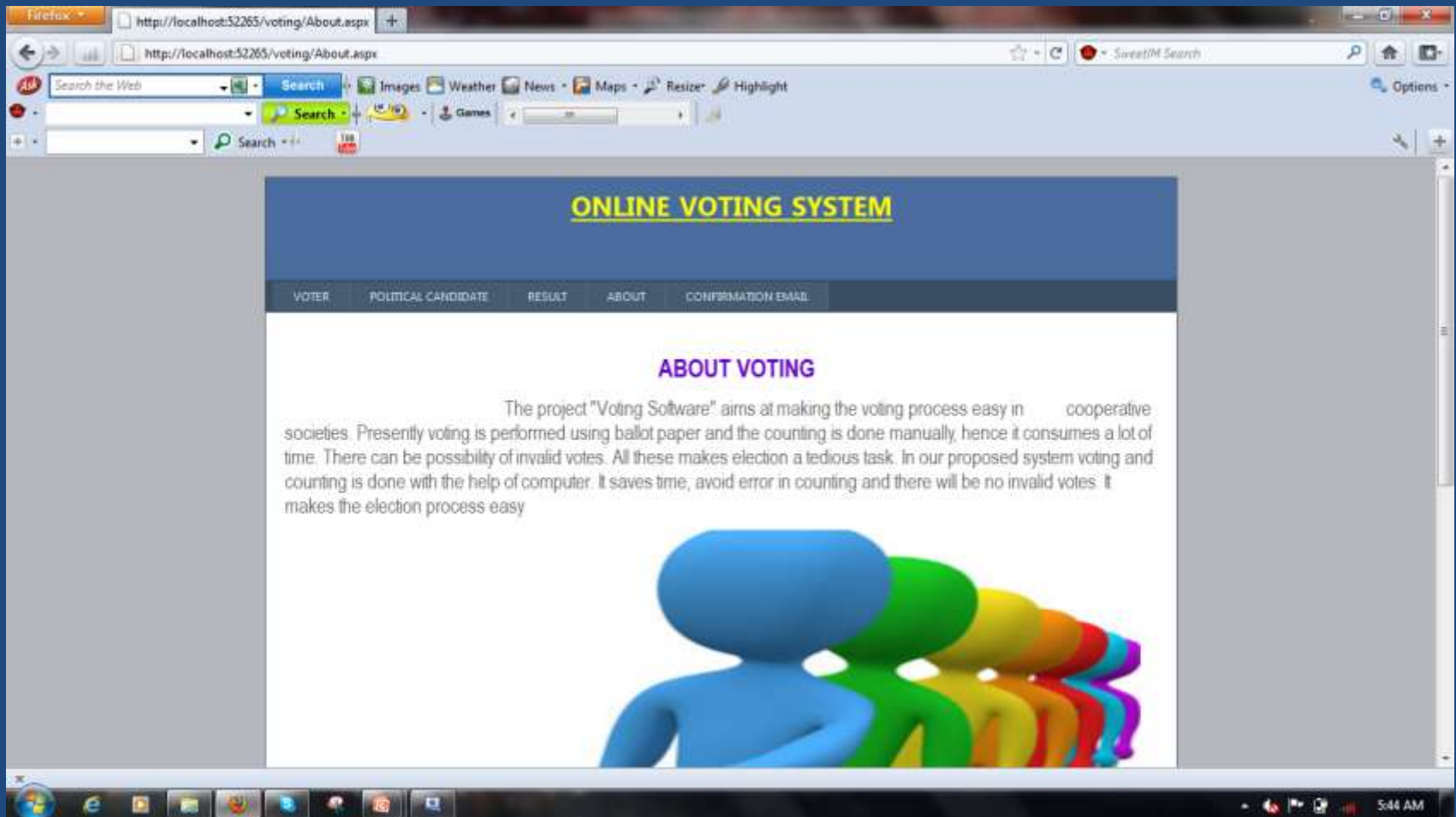
ADVANTAGES

- Time saving.
- Working load reduced.
- Information available at time.
- It provide security for the data.

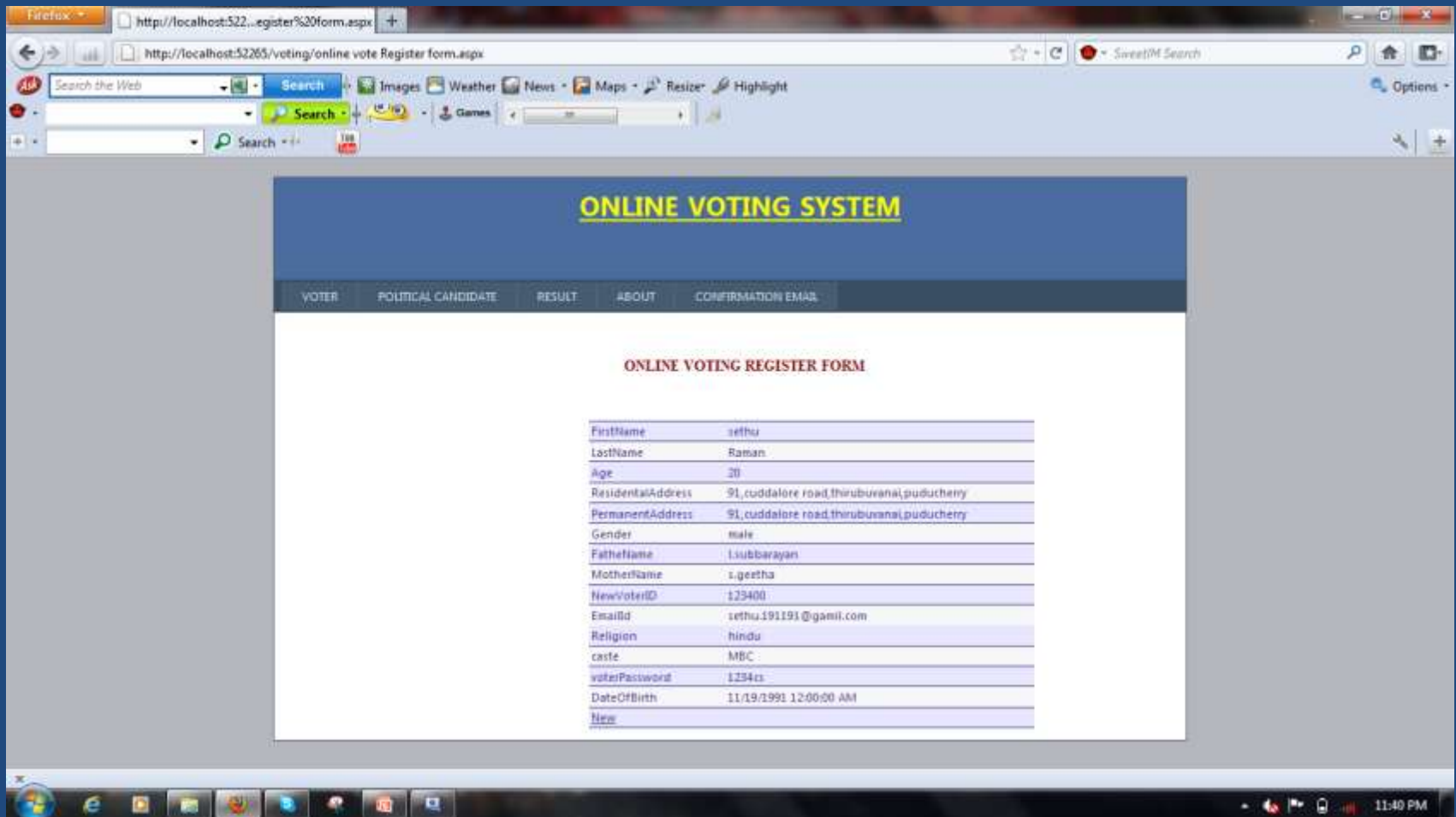
MODULES FOR ONLINE VOTING

- ABOUT FORM
- VOTING REGISTER FORM
- VOTING CITIZEN FORM
- VOTING POLLING FORM
- VOTING CANDIDATE REGISTER FORM
- VOTING CANDIDATE DETAILS FORM
- VOTING RESULT FORM
- VOTING CONFIRMATION FORM

ABOUT FORM



ONLINE VOTING REGISTER FORM



ONLINE VOTING SYSTEM

VOTER POLITICAL CANDIDATE RESULT ABOUT CONFIRMATION EMAIL

ONLINE VOTING REGISTER FORM

FirstName	sethu
LastName	Raman
Age	20
ResidentialAddress	91, cuddalore road, thirubuvana, puducherry
PermanentAddress	91, cuddalore road, thirubuvana, puducherry
Gender	male
FatherName	Isubarayan
MotherName	s. geetha
NewVoterID	123400
EmailId	sethu.191191@gmail.com
Religion	hindu
caste	MBC
voterPassword	1234ts
DateOfBirth	11/19/1991 12:00:00 AM
New	

ONLINE VOTING CITIZEN FORM

Firefox - http://localhost:52265/voting/citizen.aspx

http://localhost:52265/voting/citizen.aspx

Search the Web Search Images Weather News Maps Resizer Highlight

Search Search Games

ONLINE VOTING SYSTEM

VOTER POLITICAL CANDIDATE RESULT ABOUT CONFIRMATION EMAIL

ONLINE VOTING CITIZEN FORM

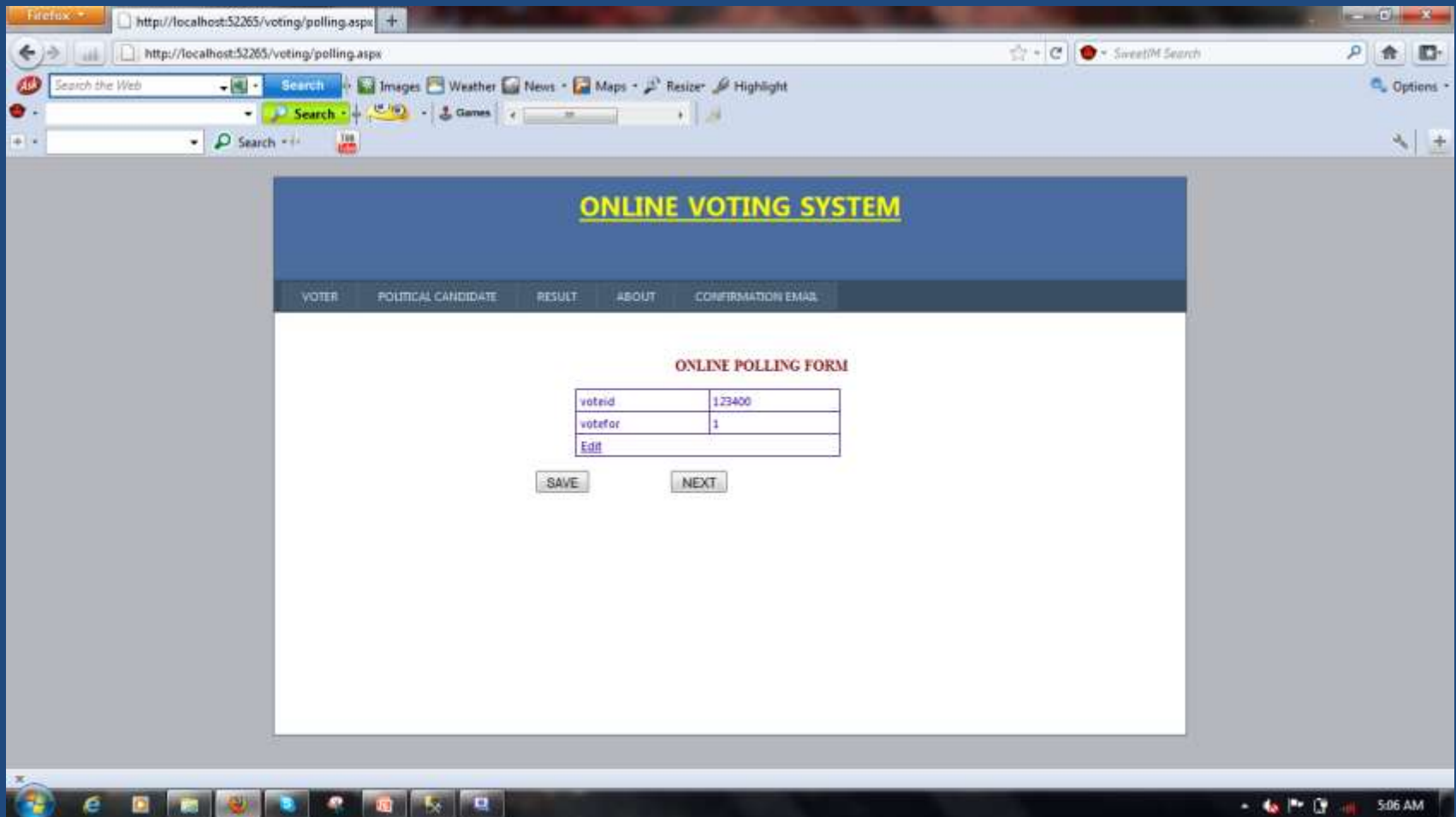
voterid	
votername	sethu
dateofbirth	11/19/1991 12:00:00 AM
age	20
gender	male
address	91, ruddalore road, thirubuvana, puducherry
fathername	i.subbarayan
religion	hindu
vote	1
emailid	sethu.191191@gmail.com

New

save reset next

5:23 AM

E- POLLING FORM



The screenshot shows a web browser window with the address bar displaying `http://localhost:52265/voting/polling.aspx`. The browser's toolbar includes a search bar, navigation buttons, and various toolbars like Images, Weather, News, Maps, Resize, and Highlight. The main content area features a blue header with the text **ONLINE VOTING SYSTEM** in yellow. Below the header is a dark blue navigation bar with links: [VOTER](#), [POLITICAL CANDIDATE](#), [RESULT](#), [ABOUT](#), and [CONFIRMATION EMAIL](#). The main content area is white and contains the title **ONLINE POLLING FORM** in red. Below the title is a table with two rows: the first row has `voteid` and `123400`, and the second row has `votefor` and `1`. Below the table is a link [Edit](#). At the bottom of the form are two buttons: **SAVE** and **NEXT**. The Windows taskbar at the bottom shows the Start button and several application icons, with the system clock displaying 5:06 AM.

ONLINE VOTING SYSTEM

[VOTER](#) [POLITICAL CANDIDATE](#) [RESULT](#) [ABOUT](#) [CONFIRMATION EMAIL](#)

ONLINE POLLING FORM

voteid	123400
votefor	1

[Edit](#)

SAVE **NEXT**

VOTING CANDIDATE INFO FORM

The screenshot shows a web browser window with the address bar displaying `http://localhost:522...date%20register.aspx` and `http://localhost:52265/voting/Candidate register.aspx`. The browser's search bar contains "Search the Web". The page title is "ONLINE VOTING SYSTEM". Below the title is a navigation menu with links: VOTER, POLITICAL CANDIDATE, RESULT, ABOUT, and CONFIRMATION EMAIL. The main content area is titled "CANDIDATE REGISTER FORM". It contains a form with the following fields and values:

firstname	karthikeyan.s
lastname	keyan
candidateid	1234cs
Age	20
Dateofbirth	3/4/1991 12:00:00 AM
Address	7,cuddalore road, thirubuvana,puducherry
Qualification	B.SC
Religion	hindu
Emailid	karth34@gmail.com
fathename	kannan.h
currentlocation	thirubuvana
New	

Below the form are three buttons: "SAVE", "RESET", and "NEXT". The Windows taskbar at the bottom shows the time as 5:24 AM.

VOTING CANDIDATE DETAIL FORM

Firefox | http://localhost:522...otingcandidate.aspx

http://localhost:52265/voting/votingcandidate.aspx

Search the Web | Search | Images | Weather | News | Maps | Resize | Highlight

Search | Games

ONLINE VOTING SYSTEM

VOTER | POLITICAL CANDIDATE | RESULT | ABOUT | CONFIRMATION EMAIL

VOTING CANDIDATE DETAILS FORM

CandidateName	VeluSami.k
CandidateSymbol	#
WhichTeam	Congress
CurrentLocation	Madugari
Age	31
Posting	MLA
EmailId	velusam234@gamil.com
Validity	5
vote	4
Edit	

SAVE RESET

NEXT

5:08 AM

RESULT FORM

The screenshot shows a Firefox browser window with the address bar displaying `http://localhost:52265/voting/Result Form.aspx`. The page content is titled **ONLINE VOTING SYSTEM** in yellow text on a blue background. Below this is a navigation bar with links: [VOTER](#), [POLITICAL CANDIDATE](#), [RESULT](#) (active), [ABOUT](#), and [CONFIRMATION EMAIL](#). The main content area is titled **RESULT FORM** in red text. It contains five input fields with labels in different colors: **NR** (blue), **ADMK** (magenta), **DMK** (magenta), **CONGRESS** (red), and **RESULT** (red). At the bottom of the form are two buttons: **SAVE** and **OK**. The browser's taskbar at the bottom shows various application icons and the system clock indicating 11:39 PM.

Firefox

`http://localhost:52.../Result%20Form.aspx`

`http://localhost:52265/voting/Result Form.aspx`

Search the Web

Search

Images Weather News Maps Resizer Highlight

Search

Search

Options

ONLINE VOTING SYSTEM

VOTER POLITICAL CANDIDATE **RESULT** ABOUT CONFIRMATION EMAIL

RESULT FORM

NR

ADMK

DMK

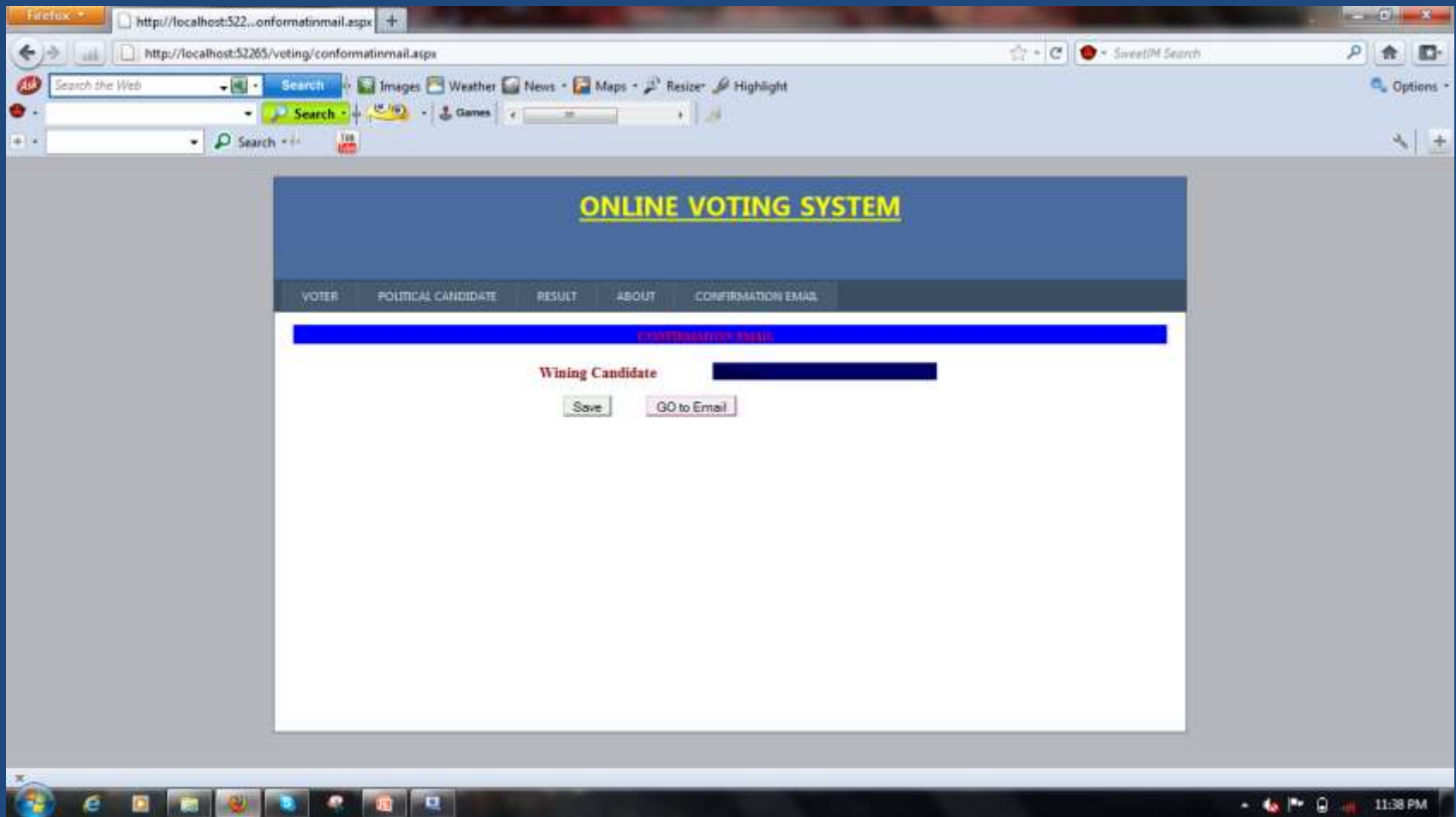
CONGRESS

RESULT

SAVE OK

11:39 PM

CONFIRMATION E-MAIL



CONCLUSION

- Generally voting has to be performed by user by going to the voting center. Many users like army person or NRI cannot come to the voting place.
- Therefore we have to implement an E-Polling system by which the users can vote over the online. It is one of the greatest advantage for NRI and person who go outside the country they can vote on online by our software.

Reference

- www.google.com
- www.wikipedia.com
- www.studymafia.org

Thank You