MODERN COLLEGE OF ARTS, SCIENCE AND

COMMERCE, GANESHKHIND, PUNE-16

ACADEMIC YEAR 2021-2022

A

PROJECT REPORT

ON

"Online Voting System"

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY

BY

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T.Y. B.C.A (1Science)

CERTIFICATE

This is to certify that Project entitled "Online Voting System" was completed by **Srujan Wadgaonkar(213431078).**

As requirement of T.Y.B.C.A (Science) Examination

for the academic year 2021-2022 for SavitribaiPhule Pune University.

(Project Guide) (Head of Department)

Internal Examiner : External Examiner :

Acknowledgement

I am really really grateful to my Guide Teacher Pogul Roja for advising me and introducing the project to me in a easy to understand way which has helped me complete my project easily and effectively on time.

I am dearly obliged to Deepak S.

Kumbhar for giving me an opportunity to work on this project which has provided valuable information about Online Voting System.

Thank you.

INDEX

1. Introduction.
2. Requirement Specification
3. Input/Output Screen.
4. Limitation.
5. Future Enhancement.
6. Conclusion.
7. Bibilography

Introduction

At the end of any political term, millions of voters are called upon to cast their votes for their next political representatives. Unfortunately, many eligible voters will not be able to reach a polling station during the election.

Some are living abroad or are deployed in the military. Some have disabilities and face inaccessible polling locations. Some simply don't have the means to take the time to vote, whether it be due to a job, to travels, or to living far away from a voting center.

Requirement Specification

Software Requirement:-

Frontend: HTML

Backend: MySQL, PHP

Database: MySQL

Operating System: Windows

Hardware Requirement:-

Ram: 2GB

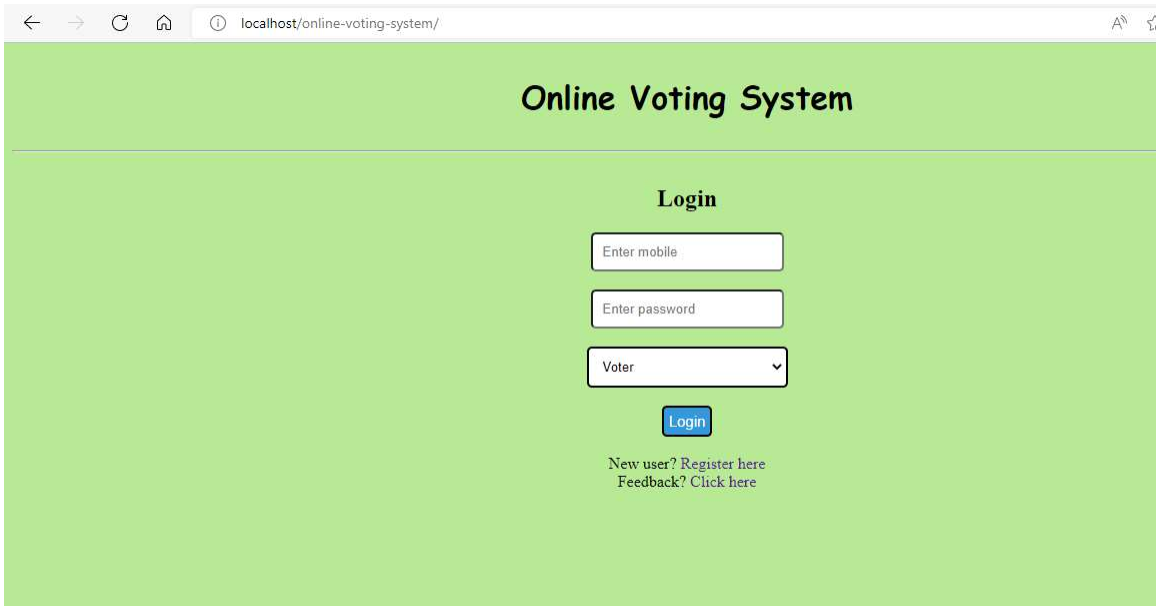
Processor: Dual Core

Storage: 200MB

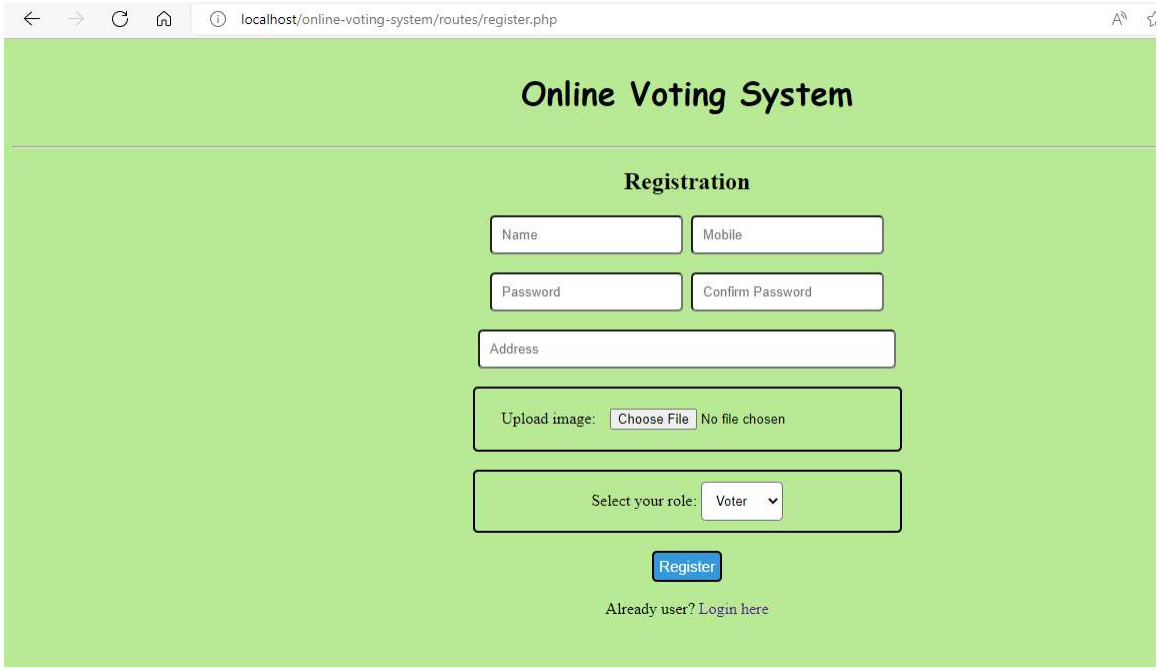
Input/Output Screen

User Login : -

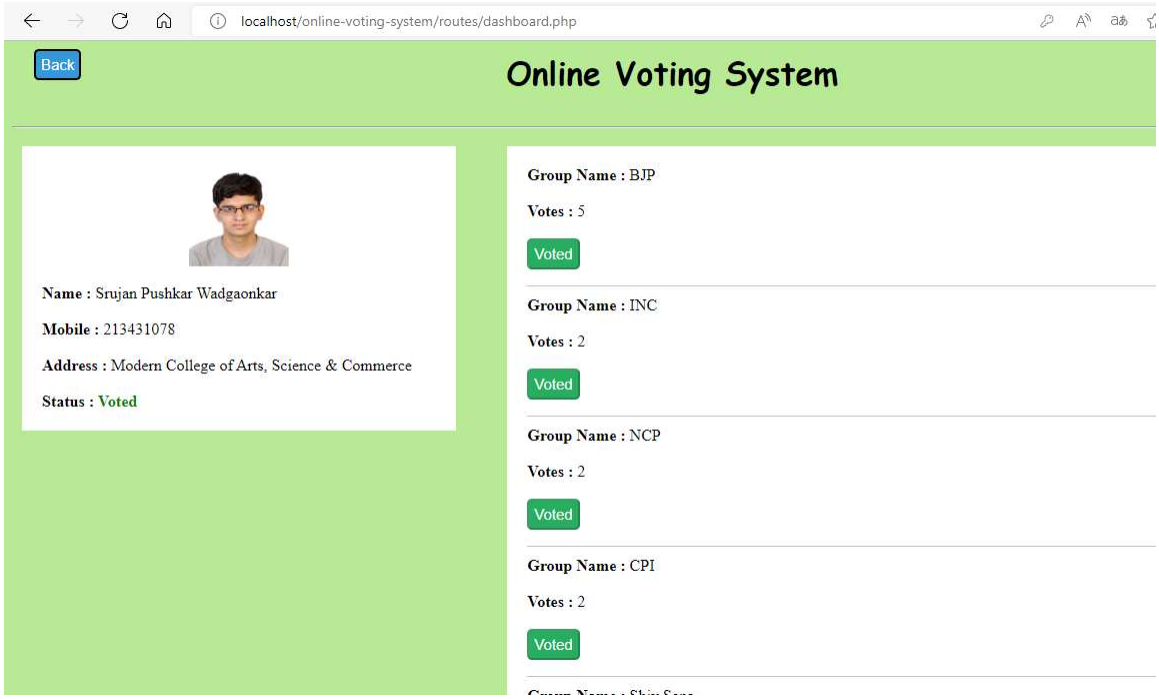
Home page :-



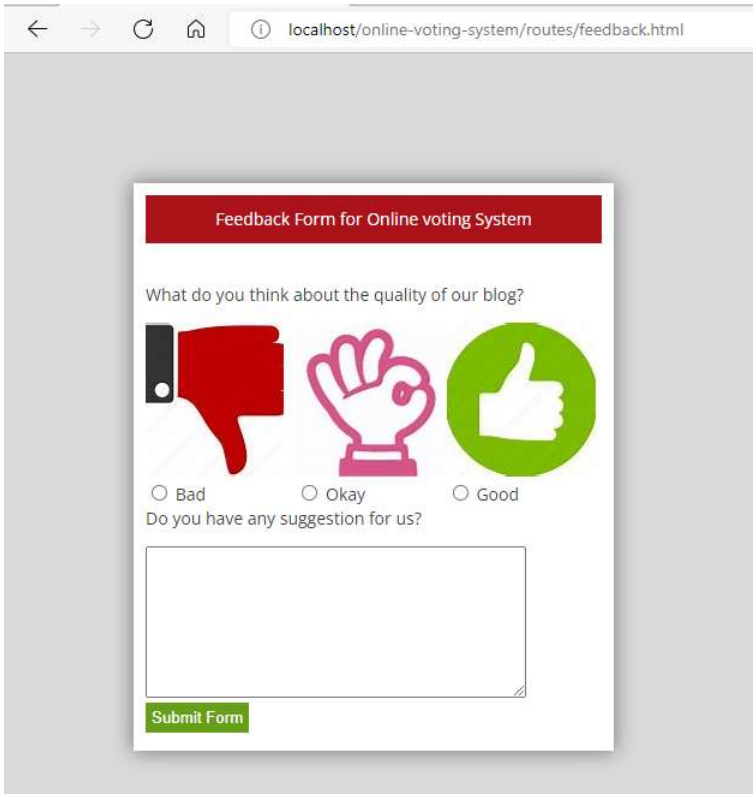
Registration Page :-



User page :-



Feedback Form Page:-


localhost/online-voting-system/routes/feedback.html
Feedback Form for Online voting System
What do you think about the quality of our blog?
Bad
Okay
Good
Do you have any suggestion for us?
Submit Form

Limitation.

Foreign experience revealed that they are often confronted by security issues while the online voting system is running. The origin of the security issues was due to not only outsider (such as voters and attackers) but also insider (such as system developers and administrators), even just because the inheritance of some objects in the source code are unsuitable. These errors caused the voting system to crash.

The proposed solutions were correspondingly outlined to hold back these attacks. For example, to avoid hacker making incursion into the voting system via network, we can design our system to transmit data without network. Another example is to limit voter to input particular data, so that we can prevent the command injection from running

Future Enhancement.

Implementation of securiy protocol

1)SSL Protocol

2)TLS Protocol

3) SHTTP

Adding more features like

Pie charts for results

Conclusion.

Online Voting Systems have many advantages over the traditional voting system. Some of these advantages are less cost, faster generation results, easy accessibility, accuracy, and low risk of human and mechanical errors. It is very difficult to develop online voting system which can allow security and privacy on the high level. Future development focused to design a system which can be easy to use and will provide security and privacy of votes on acceptable level by proper authentication and processing section.. It is easy to use and it is less time consuming. It is very easy to debug.

Bibilography

www.tutorialspoint.com

www.javatpoint.com

www.stackoverflow.com

www.github.com

www.youtube.com