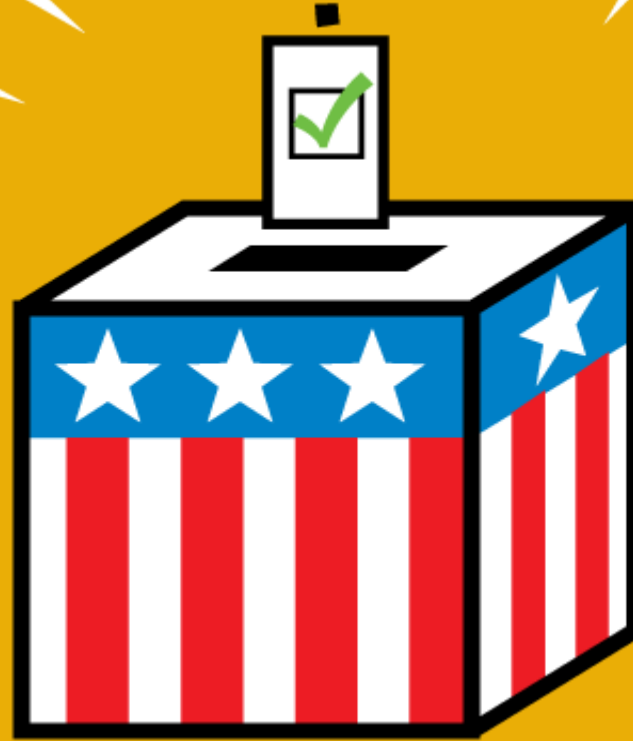


ONLINE VOTING SYSTEM



Submitted by: Tanmay Gupta
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Submitted to: Vikas Khare

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INTRODUCTION

“ONLINE VOTING SYSTEM” is an online voting technique. It is based on the other online services like “ONLINE RESERVATION SYSTEM” .In this system people who have citizenship of INDIA and whose age is above 18 years of any gender can give his\her vote online without going to any polling booth.

In “ONLINE VOTING 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.

OBJECTIVE

The most crucial factor for a system like e-VOTE to be successful is to exhibit a Voting Protocol that can prevent opportunities for fraud or for sacrificing the voter's privacy

The Voting Protocol that will be designed and implemented for the e-VOTE system will combine the advantages of existing protocols and techniques, while at the same time it will aim at eliminating most of the identified deficiencies and problems. The related attributes that the eVOTE system will fully support, and against which it will be extensively tested and validated, are listed below. These attributes can be also considered, according to the literature, as a set of criteria for a "good" electronic voting system that can easily enjoy the trust and confidence of the voters and process organizers.

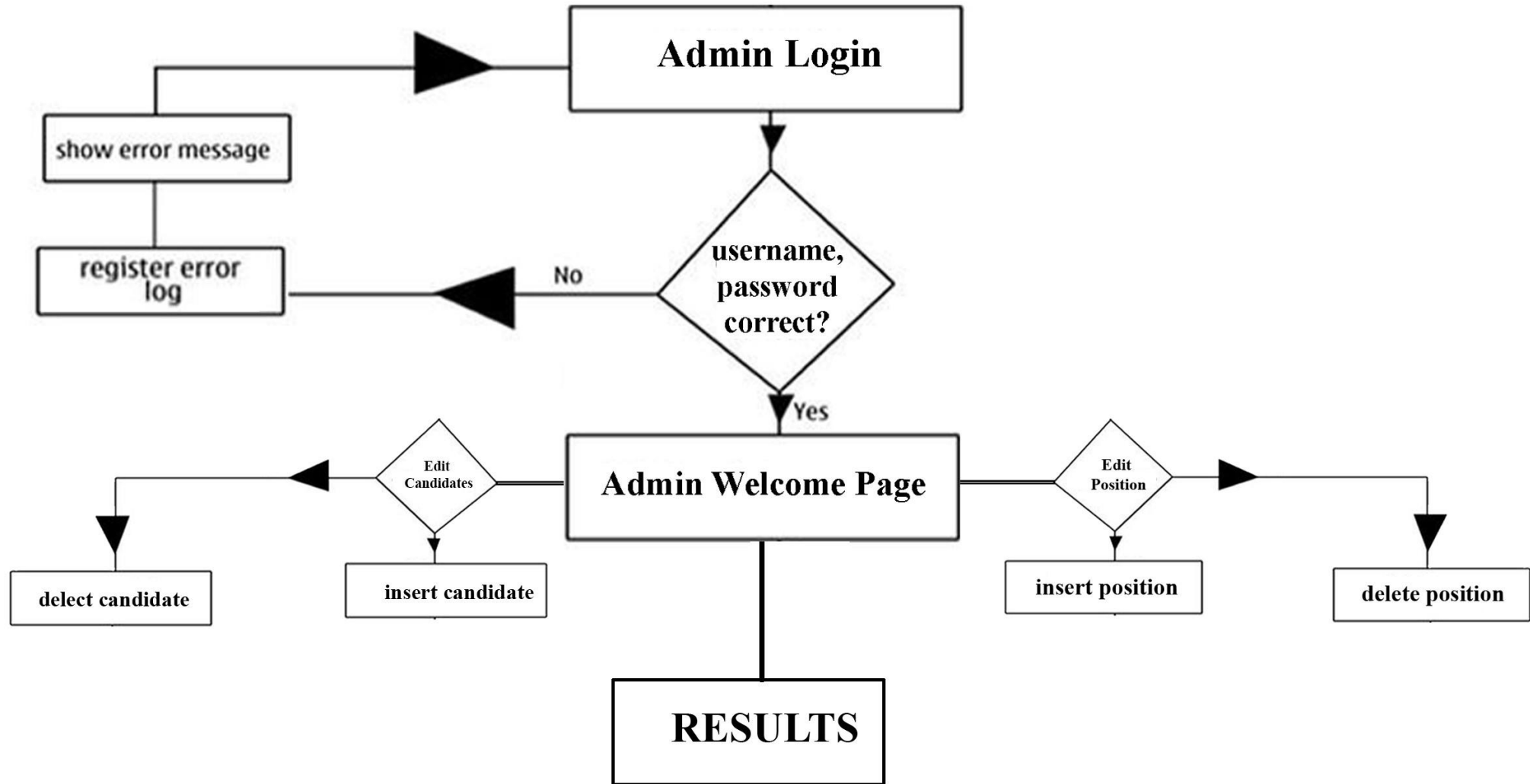
FUTURE SCOPE

A Scope survey suggested more than two thirds of the general election polling stations failed basic access tests. Ms Scott [of Scope] said the country's voting system "isn't working for other voters either," demonstrated by "scores of people queuing outside polling stations" at the recent general election. "Over the last decade there has been next to no improvement in the overall accessibility of polling stations or postal voting "There is a pressing need for clearer accountability over how elections are delivered, to help improve the accessibility of current voting methods, as well as expanding these to include alternative methods. "Unless this happens disabled people will continue to struggle to exercise their right to vote " In a digital age where people can vote by text for the X-Factor and shop and bank online, our voting system really needs to catch up." Although Scope's report highlights a significant problems, the proposed solution – online and text voting – would bring its own major problems. Both have been tested out in the UK in a series of pilots with mixed results. Although the pilot series was often popular with the public, it has also been unpopular with many IT security experts who doubt the security of such voting methods, the systems were often unreliable and they were far more expensive than traditional voting methods. They also did not raise turnout significantly. For a good recent summary of the case against these sorts of new voting methods.

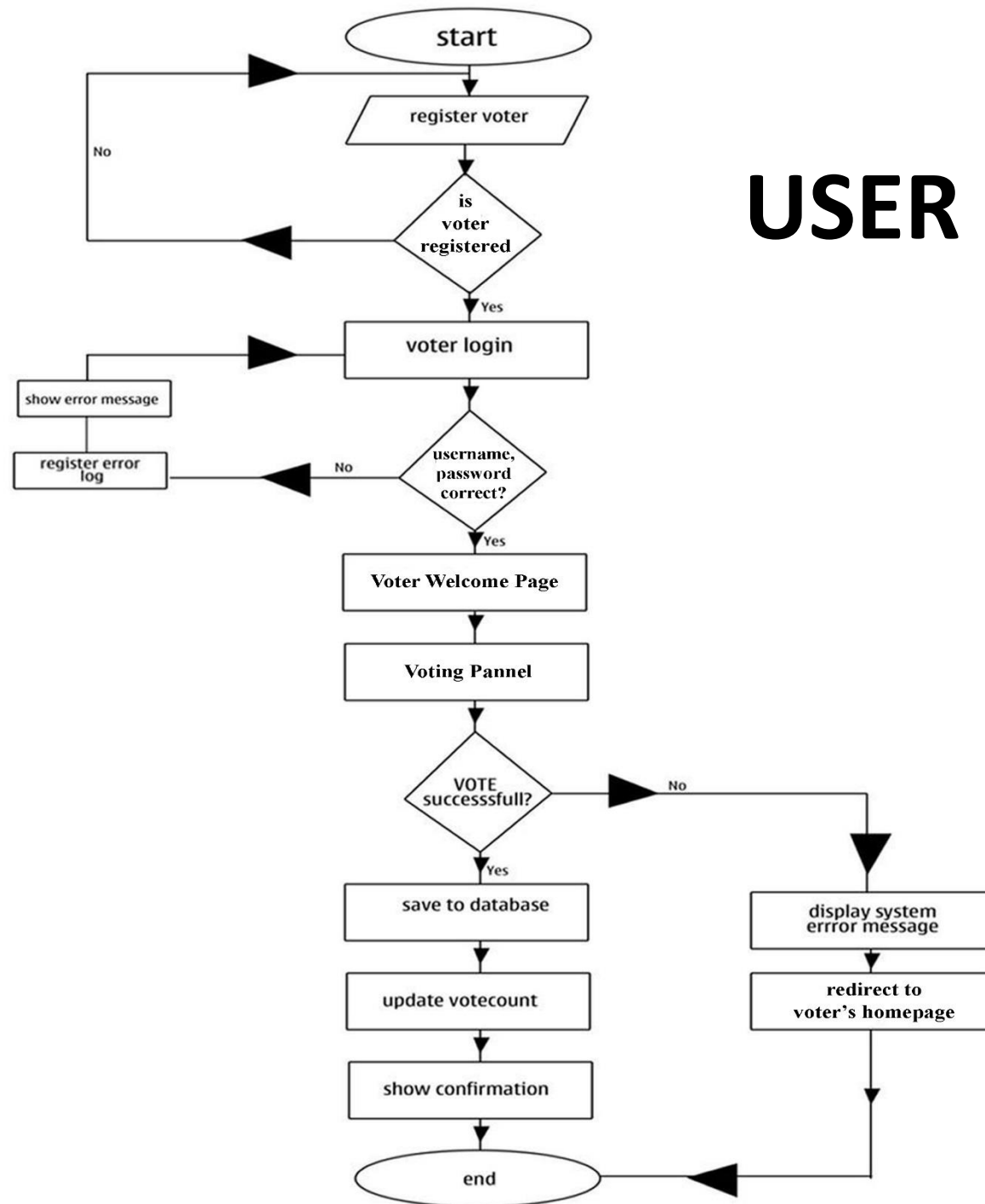
DATA FLOWCHART

A **data flow diagram (DFD)** is a graphical representation of the "flow" of data through an information system, modeling its *process* aspects. Often they are a preliminary step used to create an overview of the system which can later be elaborated. DFDs can also be used for the visualization of data processing (structured design). A DFD shows what kind of information will be input to and output from the system, where the data will come from and go to, and where the data will be stored.

ADMIN FLOWCHART



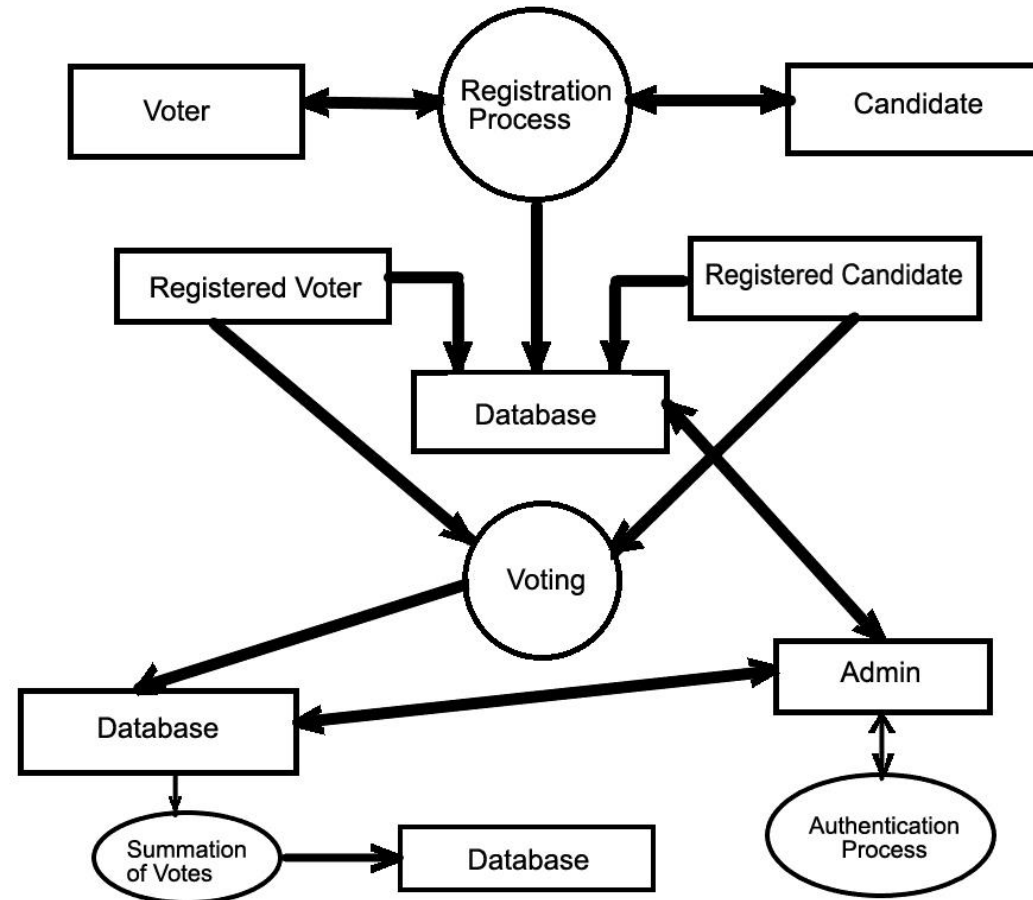
USER FLOWCHART



E R DIAGRAM

In software engineering, an **entity–relationship model (ER model)** is a data model for describing the data or information aspects of a business domain or its process requirements, in an abstract way that lends itself to ultimately being implemented in a database such as a relational database. The main components of ER models are entities (things) and the relationships that can exist among them.

DIAGRAM



SCREENSHOTS

ADMIN LOGIN PAGE

localhost / 127.0.0.1 / ovs / tb_us ADMIN_LOGIN

localhost/pro/admin/admin_login.php

ONLINE VOTING SYSTEM

HOME LOGIN REGISTER ADMIN LOGIN

Admin Login

E-mail

Password

Login

admin

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DBMS TABLE OF ADMIN LOGIN PAGE

The screenshot displays a database management tool interface. On the left, a tree view shows the database structure with tables: `tb_admin`, `tb_candidates`, `tb_position`, and `tb_user`. The `tb_admin` table is selected.

The main area shows the SQL query: `SELECT * FROM `tb_admin``. Below the query, there are options for `Profiling`, `Edit inline`, `Edit`, `Explain SQL`, `Create PHP code`, and `Refresh`.

Below the query, there are controls for displaying the table data: `Show all`, `Number of rows: 25`, and a `Filter rows` search box.

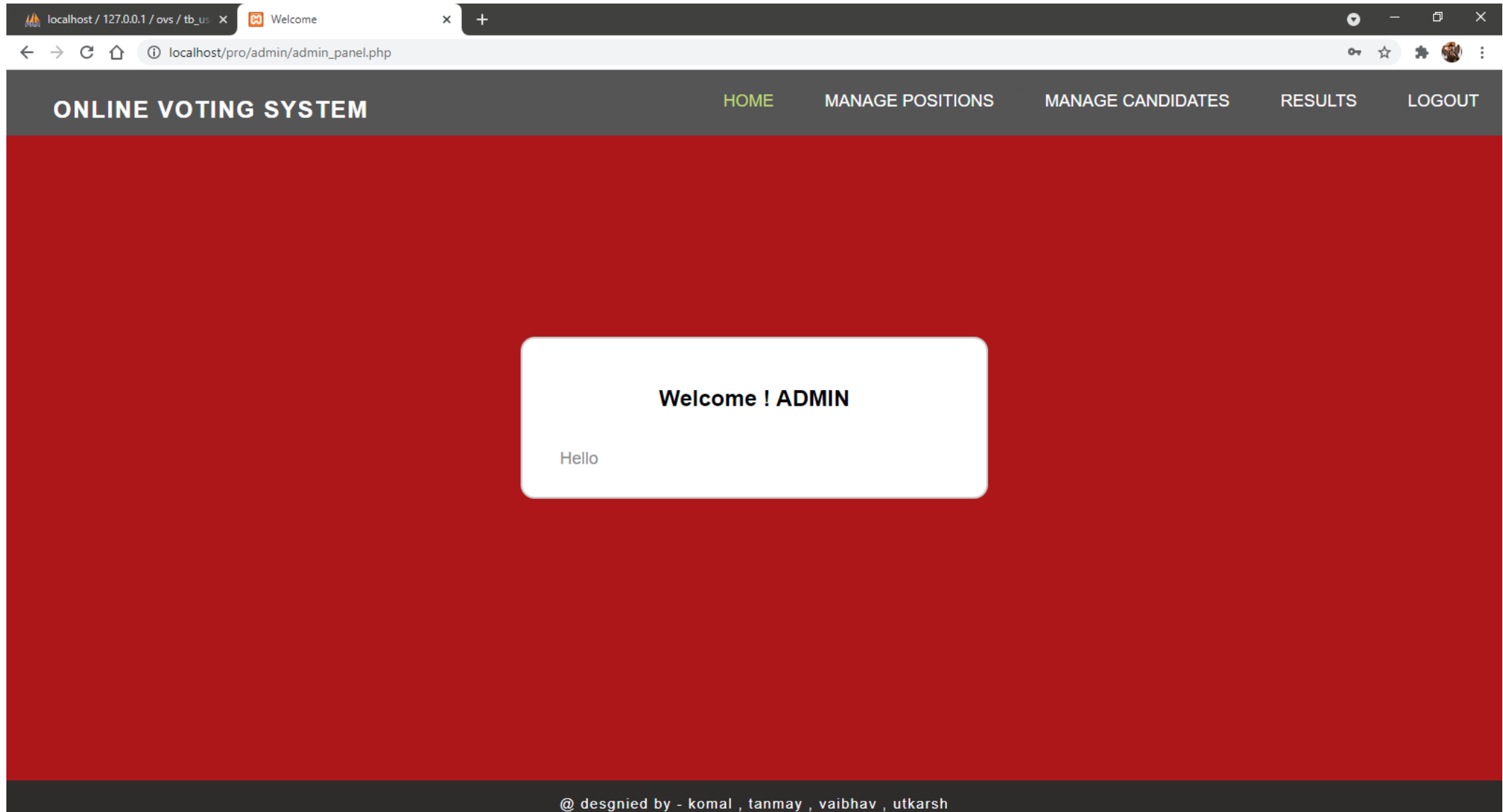
The table data is displayed below the controls. The table has the following columns: `admin_id`, `first_name`, `last_name`, `email`, and `password`.

	<code>admin_id</code>	<code>first_name</code>	<code>last_name</code>	<code>email</code>	<code>password</code>
<input type="checkbox"/>	1	admin	admin	admin@gmail.com	admin

Below the table, there are options for `Check all`, `With selected:`, `Edit`, `Copy`, `Delete`, and `Export`.

At the bottom, there are controls for displaying the table data: `Show all`, `Number of rows: 25`, and a `Filter rows` search box.

ADMIN WELCOME PAGE



ADMIN – MANAGE POSITION PAGE

localhost / 127.0.0.1 / ovs / tb_pc x Manage Positions x +

localhost/pro/admin/positions.php

☆ ⚙️ 📄 👤 ⋮

ONLINE VOTING SYSTEM

HOMEMANAGE POSITIONSMANAGE CANDIDATESRESULTSLOGOUT

ADD NEW POSITION

Add

AVAILABLE POSITIONS

Position ID	Position Name	
1	monitor	Delete
2	head-boy	Delete
3	head girl	Delete

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DBMS TABLE OF CANDIDATES POSITION

The screenshot displays a database management interface. On the left, a tree view shows the database structure with a folder named 'ovs' containing tables: 'New', 'tb_admin', 'tb_candidates', 'tb_position' (selected), and 'tb_user'. The main area shows the SQL query `SELECT * FROM `tb_position``. Below the query, there are options for 'Profiling', 'Edit inline', 'Edit', 'Explain SQL', 'Create PHP code', and 'Refresh'. A control bar includes 'Show all', 'Number of rows' (set to 25), 'Filter rows' (with a search box), and 'Sort by key' (set to None). The table data is shown with columns 'position_id' and 'position_name'. Each row has checkboxes for 'Edit', 'Copy', and 'Delete'. At the bottom, there are options for 'Check all', 'With selected', 'Edit', 'Copy', 'Delete', and 'Export'.

`SELECT * FROM `tb_position``

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

					position_id	position_name	
<input type="checkbox"/>		Edit		Copy		Delete 1	monitor
<input type="checkbox"/>		Edit		Copy		Delete 2	head-boy
<input type="checkbox"/>		Edit		Copy		Delete 3	head girl

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

ADMIN – MANAGE CANDIDATES PAGE

localhost / 127.0.0.1 / ovs / tb_pc x Manage Candidates x +

localhost/pro/admin/candidates.php

☆ ⚙️ 👤 ⋮

ONLINE VOTING SYSTEM

HOMEMANAGE POSITIONS**MANAGE CANDIDATES**RESULTSLOGOUT

ADD NEW CANDIDATE

Candidate Name

rishabh singh

Candidate Position

head-boy ▼

Add

AVAILABLE CANDIDATES

ID	Name	Position	
1	rohit singh	monitor	Delete
2	simar singh	monitor	Delete
3	rahul shukla	head-boy	Delete
4	shivansh yadav	head-boy	Delete

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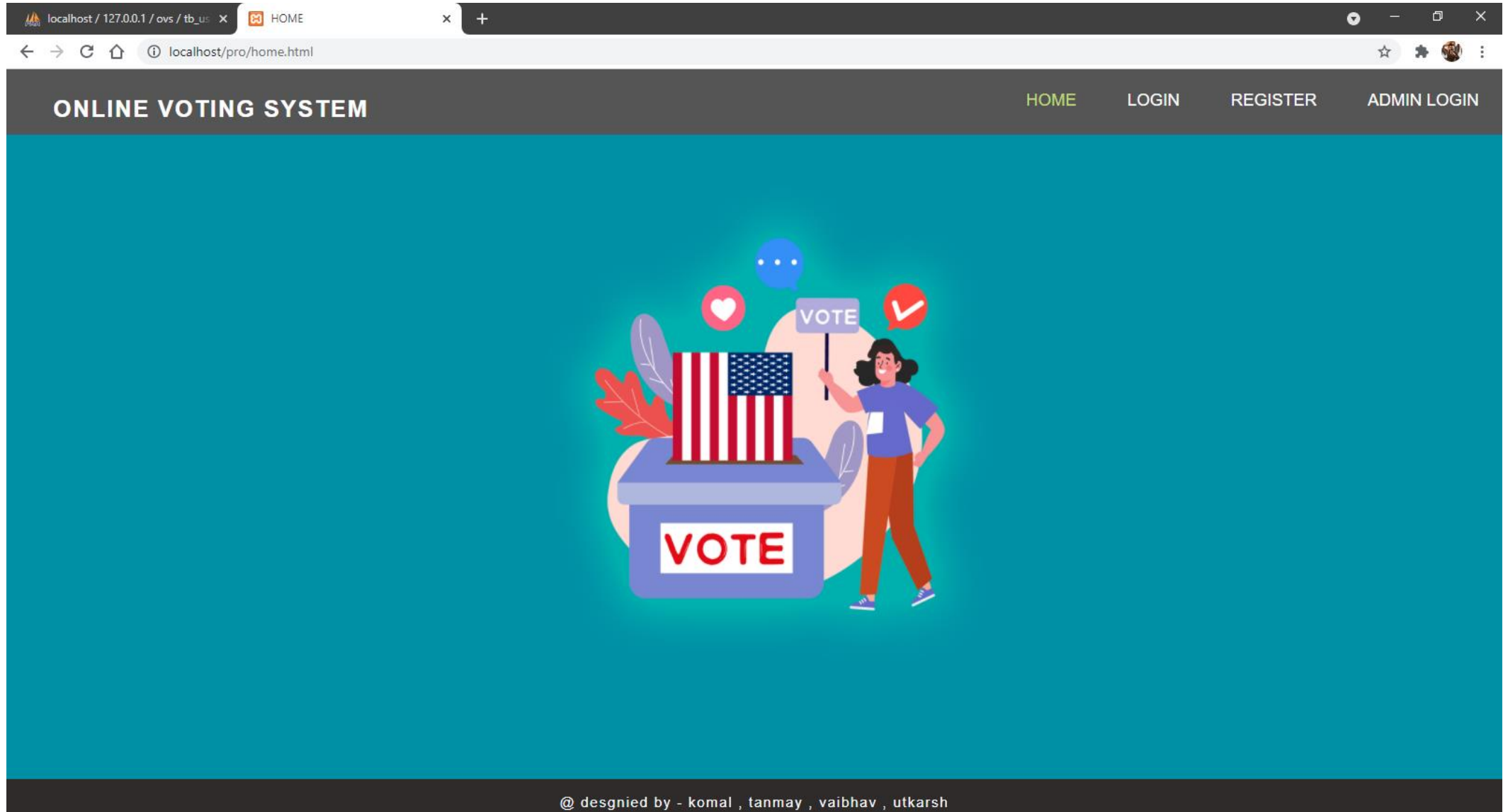
DBMS TABLE OF CANDIDATES POSITION

The screenshot displays a database management system interface. On the left, a tree view shows the database structure with a folder named 'ovs' containing tables: 'New', 'tb_admin', 'tb_candidates' (selected), 'tb_position', and 'tb_user'. The main area shows the 'tb_candidates' table with the following data:

	candidate_id	candidate_name	candidate_position	candidate_cvotes
<input type="checkbox"/> Edit Copy Delete	1	rohit singh	monitor	0
<input type="checkbox"/> Edit Copy Delete	2	simar singh	monitor	0
<input type="checkbox"/> Edit Copy Delete	3	rahul shukla	head-boy	0
<input type="checkbox"/> Edit Copy Delete	4	shivansh yadav	head-boy	0
<input type="checkbox"/> Edit Copy Delete	5	rishabh singh	head-boy	0

At the top, a SQL query is entered: `SELECT * FROM `tb_candidates``. Below the query, there are options for 'Profiling', 'Edit inline', 'Edit', 'Explain SQL', 'Create PHP code', and 'Refresh'. A control bar includes 'Show all', 'Number of rows: 25', 'Filter rows: Search this table', and 'Sort by key: None'. Below the table, there are '+ Options' and a toolbar with 'Check all', 'With selected: Edit Copy Delete', and 'Export'. A second control bar at the bottom repeats the 'Show all', 'Number of rows: 25', 'Filter rows: Search this table', and 'Sort by key: None' options.

HOME PAGE



REGISTRATION PAGE

localhost / 127.0.0.1 / ovs / tb_ue x REGISTER

localhost/pro/register.php

ONLINE VOTING SYSTEM

HOME LOGIN REGISTER ADMIN LOGIN

First name

Amit

Last name

Sharma

E-mail

as@gmail.com

Password

....

Register Account

12345

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DBMS TABLE OF REGISTRATION PAGE

The screenshot displays a database management tool interface. On the left, a tree view shows the database structure with 'ovs' as the root, containing 'New' and several tables: 'tb_admin', 'tb_candidates', 'tb_position', and 'tb_user'. The 'tb_user' table is selected. The main area shows the SQL query 'SELECT * FROM `tb_user`'. Below the query, there are options for 'Profiling', 'Edit inline', 'Edit', 'Explain SQL', 'Create PHP code', and 'Refresh'. A control bar includes 'Show all', 'Number of rows: 25', and a 'Filter rows' search box. The table structure is shown with columns: 'member_id', 'first_name', 'last_name', 'email', and 'password'. A single row of data is displayed: '1', 'Amit', 'Sharma', 'as@gmail.com', '12345'. Below the table, there are options for 'Check all', 'With selected:', 'Edit', 'Copy', 'Delete', and 'Export'. A second control bar at the bottom repeats the 'Show all', 'Number of rows: 25', and 'Filter rows' options.

```
SELECT * FROM `tb_user`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

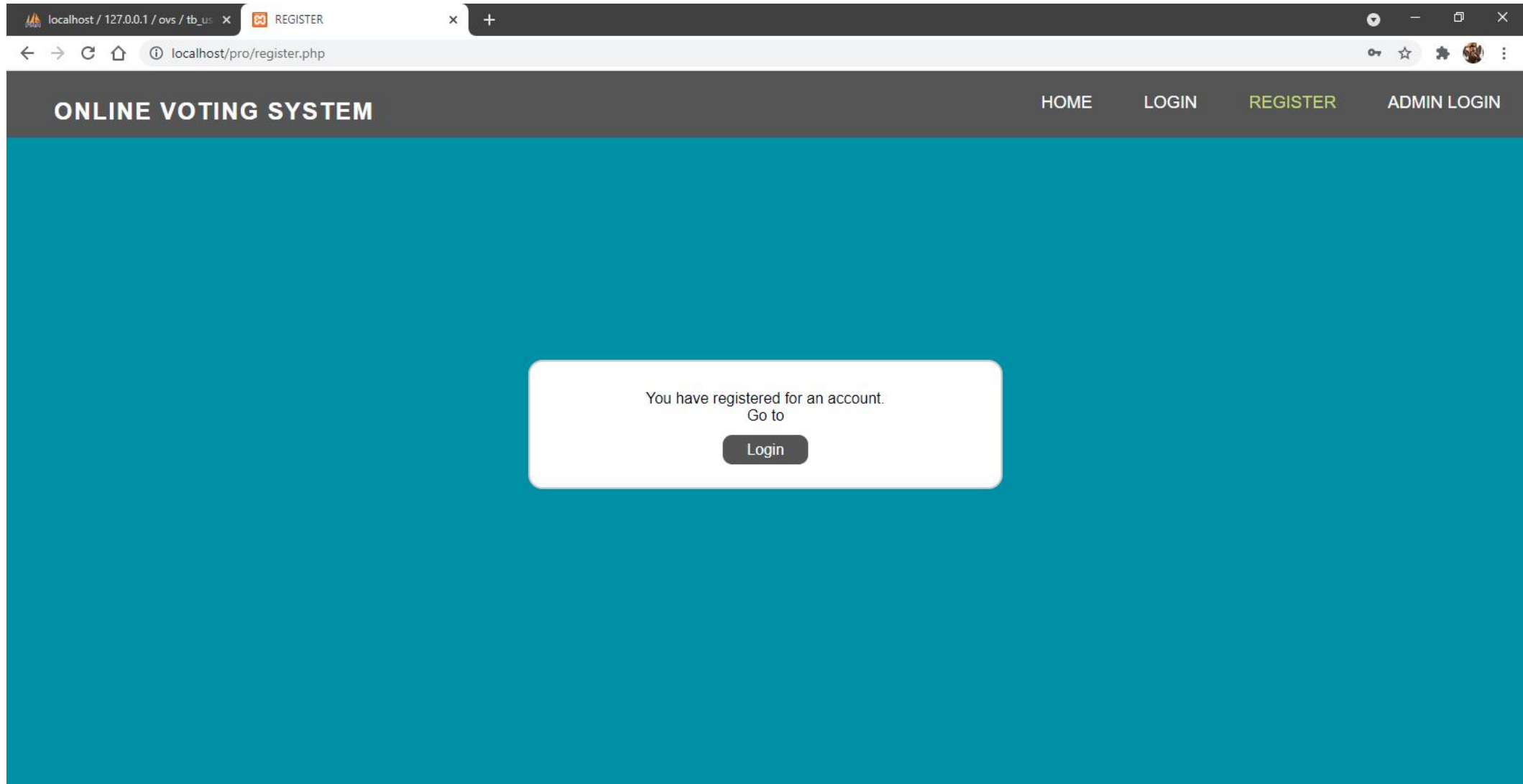
+ Options

	member_id	first_name	last_name	email	password
<input type="checkbox"/> Edit Copy Delete	1	Amit	Sharma	as@gmail.com	12345

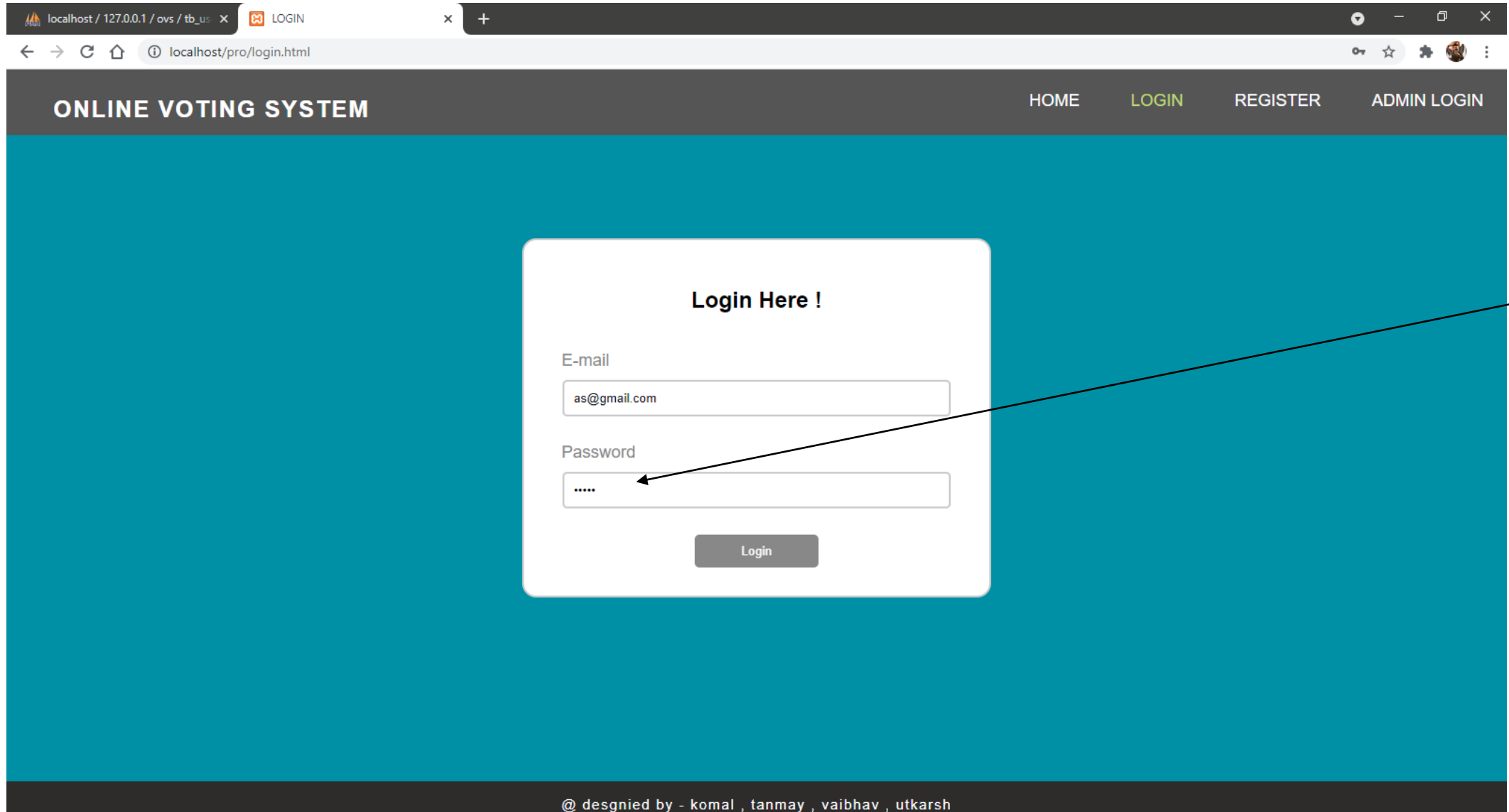
↑ ☐ Check all With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table

SUCCESSFULLY REGISTERED



LOGIN PAGE



The screenshot shows a web browser window with the address bar displaying 'localhost / 127.0.0.1 / ovs / tb_us' and the page title 'LOGIN'. The browser's address bar shows 'localhost/pro/login.html'. The page has a dark grey header with the text 'ONLINE VOTING SYSTEM' on the left and navigation links 'HOME', 'LOGIN', 'REGISTER', and 'ADMIN LOGIN' on the right. The main content area has a teal background. In the center, there is a white rounded rectangle containing the text 'Login Here !'. Below this text are two input fields: 'E-mail' with the value 'as@gmail.com' and 'Password' with masked characters '.....'. A grey 'Login' button is positioned below the password field. A black arrow points from the number '12345' on the right to the password input field. At the bottom of the page, a dark grey footer contains the text '@ desgined by - komal , tanmay , vaibhav , utkarsh'.

localhost / 127.0.0.1 / ovs / tb_us x LOGIN

localhost/pro/login.html

ONLINE VOTING SYSTEM

HOME LOGIN REGISTER ADMIN LOGIN

Login Here !

E-mail

as@gmail.com

Password

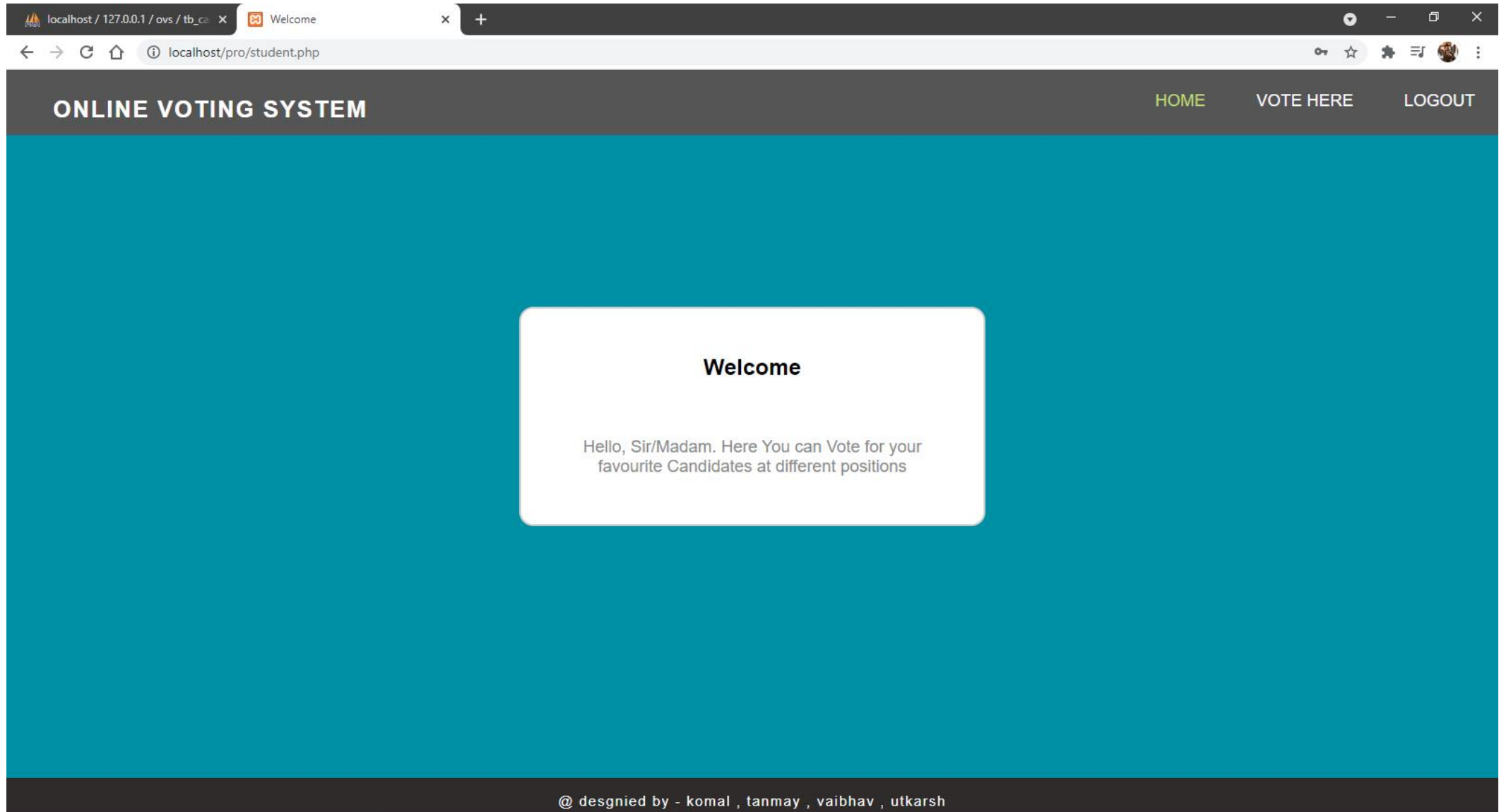
.....

Login

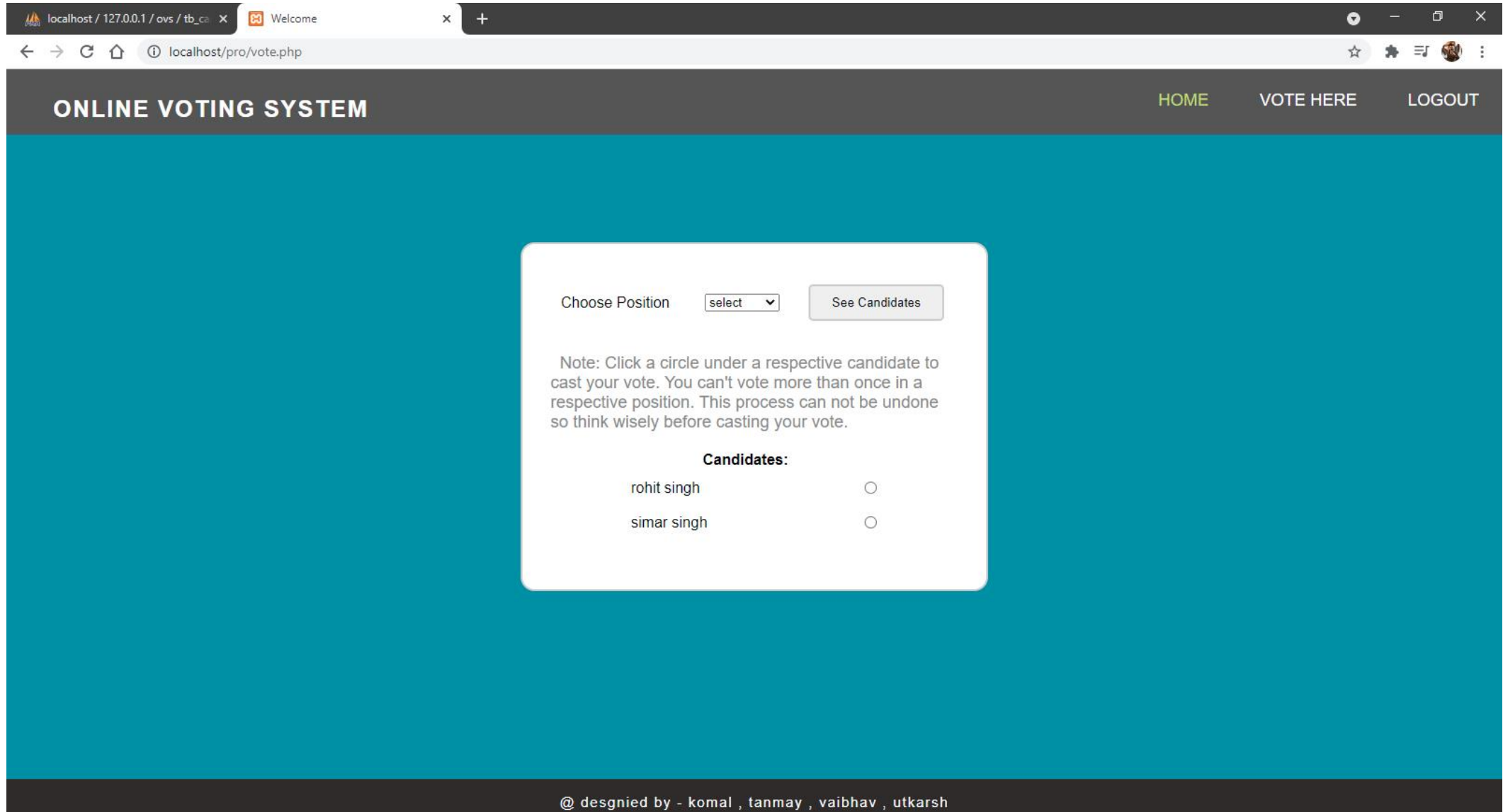
12345

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USER WELCOME PAGE



USER VOTING PAGE



The screenshot shows a web browser window with the address bar displaying 'localhost / 127.0.0.1 / ovs / tb_ca' and a 'Welcome' message. The page title is 'ONLINE VOTING SYSTEM'. The navigation bar includes links for 'HOME', 'VOTE HERE', and 'LOGOUT'. The main content area has a teal background and a white central box containing the voting interface.

Choose Position

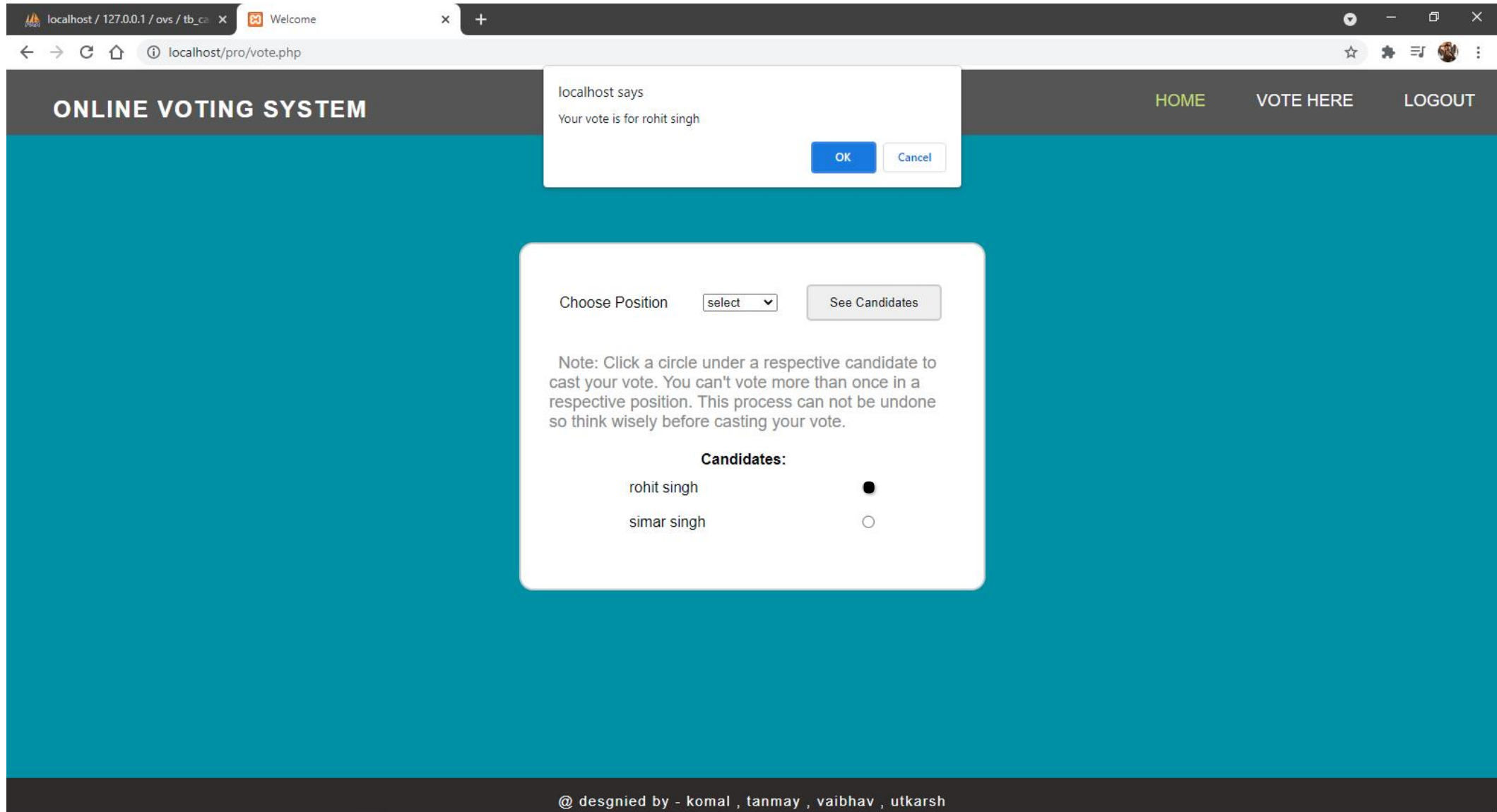
Note: Click a circle under a respective candidate to cast your vote. You can't vote more than once in a respective position. This process can not be undone so think wisely before casting your vote.

Candidates:

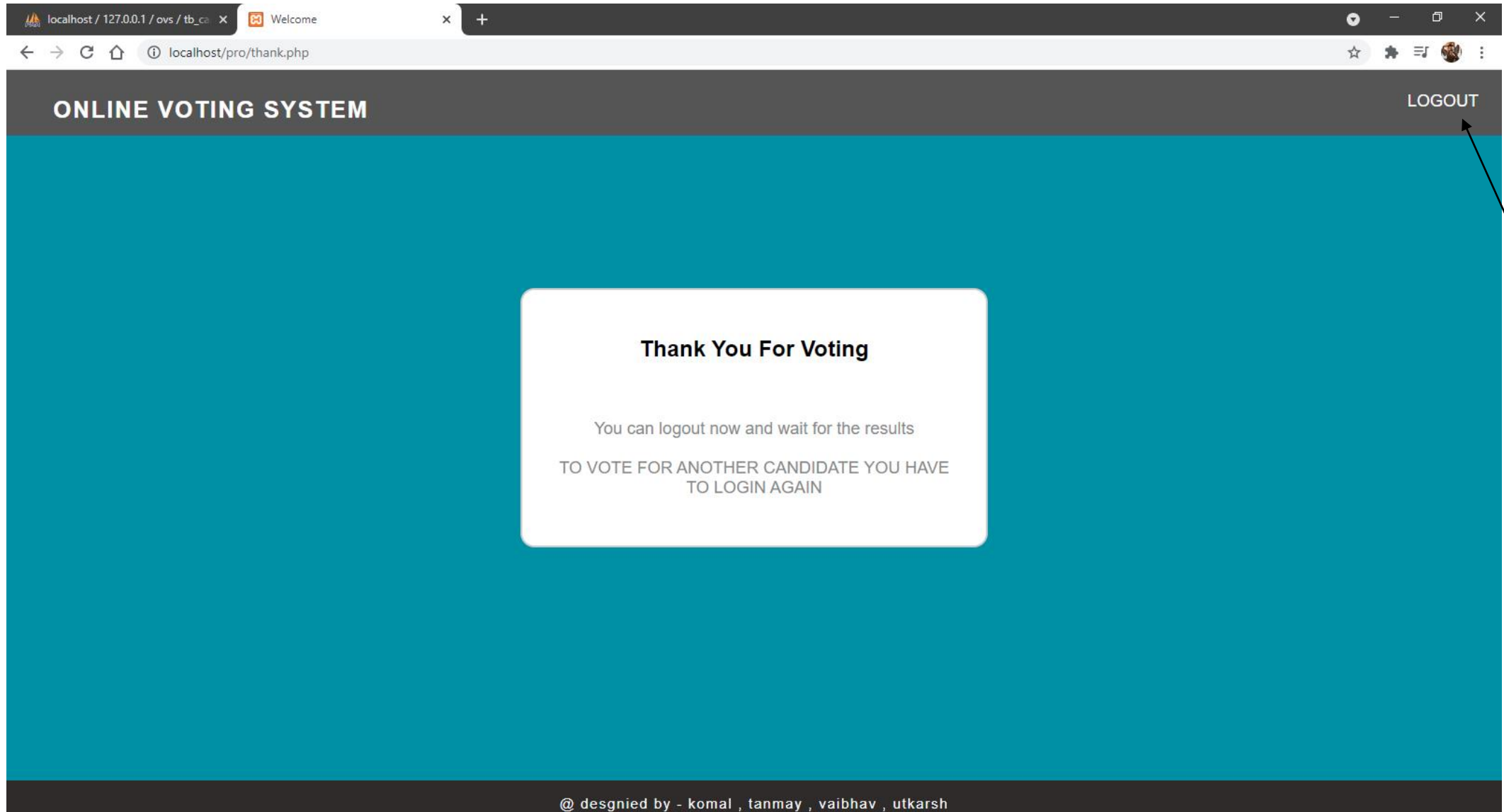
rohit singh	<input type="radio"/>
simar singh	<input type="radio"/>

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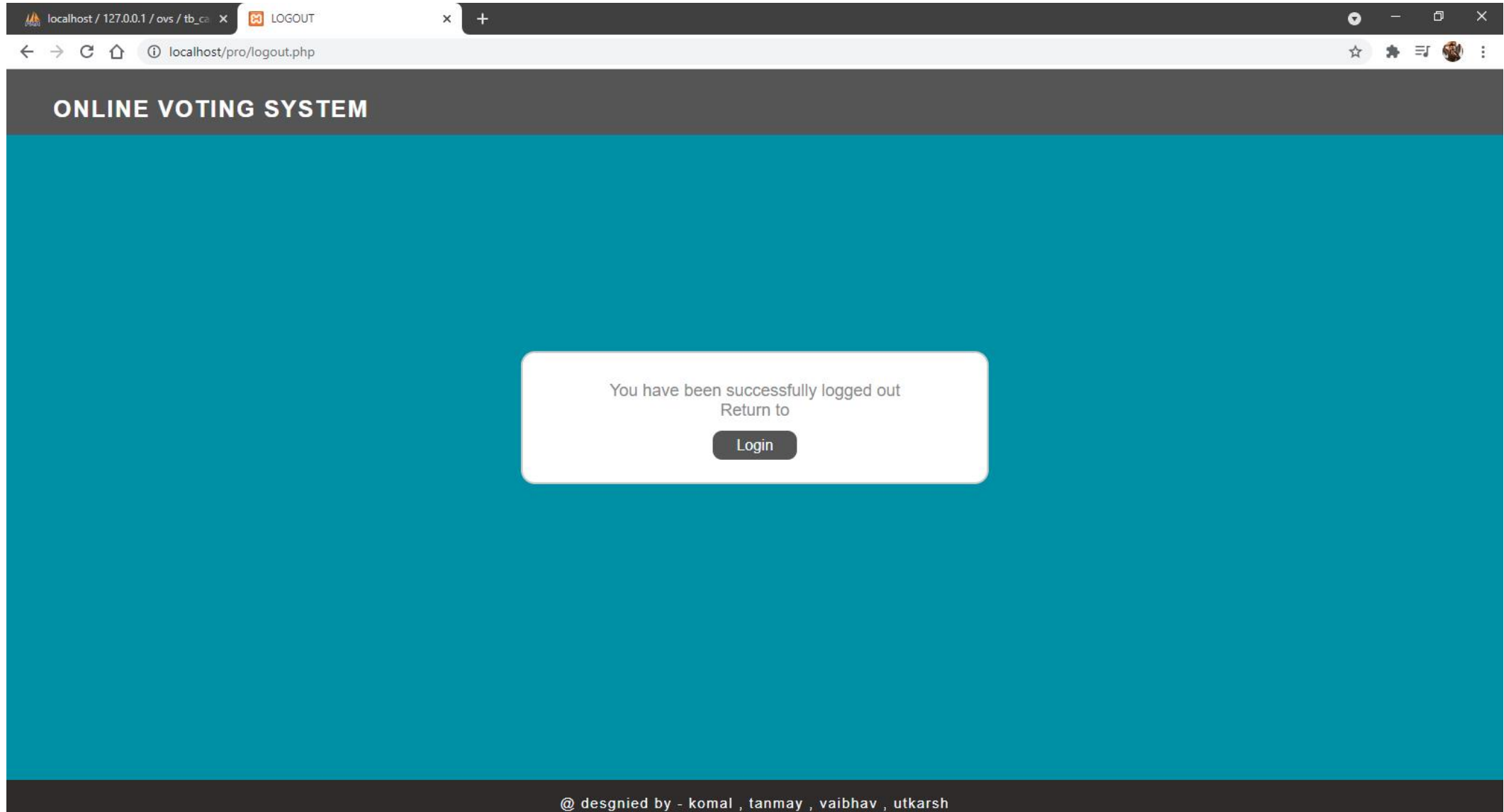
VOTE CONFIRMATION ALERT BOX



THANK YOU PAGE AGTER SUCCESS VOTING



LOGOUT PAGE



TO CHECK VOTING RESULT

-ONLY ADMIN CAN SEE THE RESULT ON ADMIN LOGIN

The screenshot shows a web browser window with the URL `localhost/pro/admin/refresh.php`. The page title is "ONLINE VOTING SYSTEM". The navigation bar includes links for HOME, MANAGE POSITIONS, MANAGE CANDIDATES, RESULTS (highlighted in green), and LOGOUT. The main content area has a red background. In the center, there is a white box containing a form and a table. The form has a "Choose Position" dropdown menu set to "monitor" and a "See Results" button. Below the form is a table with the following data:

Candidate Id	Candidate Name	Total Vote
1	rohit singh	1
2	simar singh	0

An arrow points from the text "NUMBER OF VOTES HERE" to the "Total Vote" column of the table.

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NUMBER
OF VOTES
HERE

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 online voting system by which the users can vote over the online. It is one of the greatest advantages for NRI and person who go outside the country they can vote online by our software.

TEAM MEMBERS

- Tanmay Gupta
- Utkarsh Garg
- Vaibhav Srivastava
- Komal Dixit

REFERENCE

- www.google.com
- www.wikipedia.com
- www.yahoo.com

THANK YOU