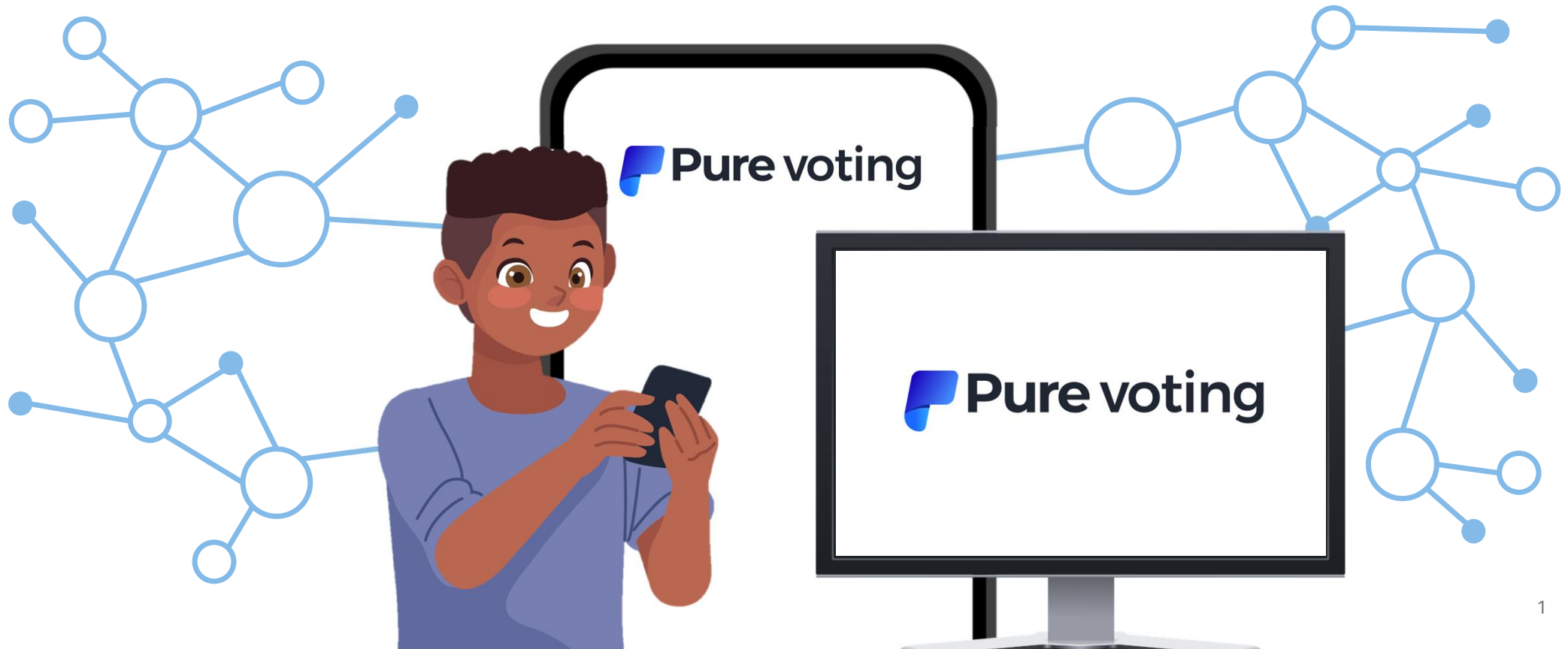


Pure Voting Manual

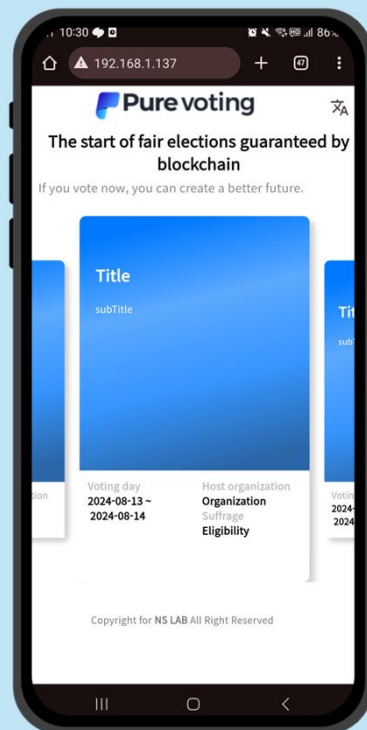


Pure Voting Manual

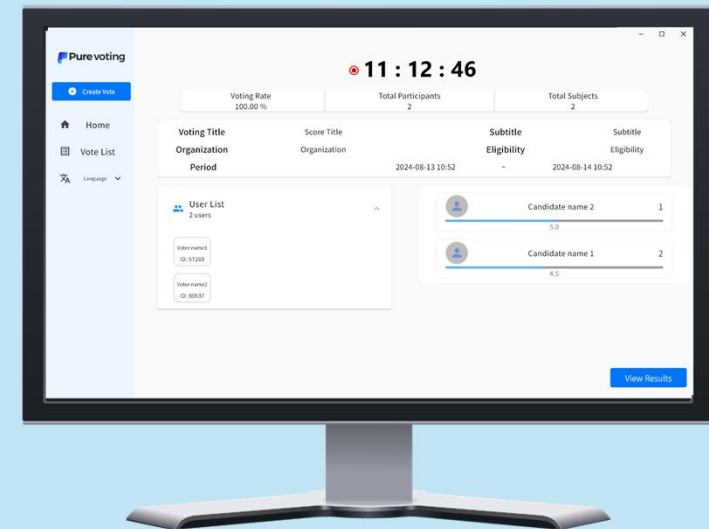




Voter Mode



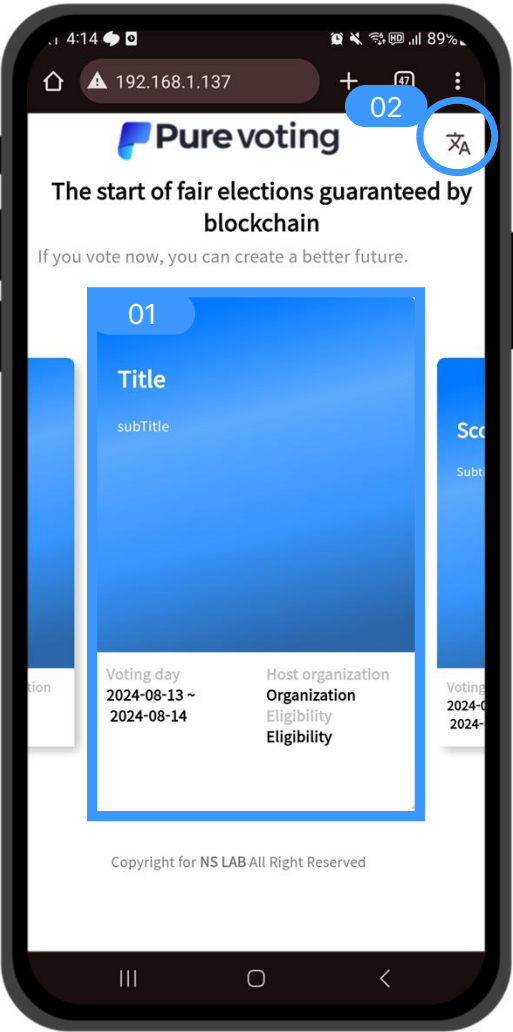
Administrator Mode



Voter Mode



Voter Mode



Feature Description

01

The card in the center is voting card.

You can click on the card, enter a pre-assigned number, and cast your vote

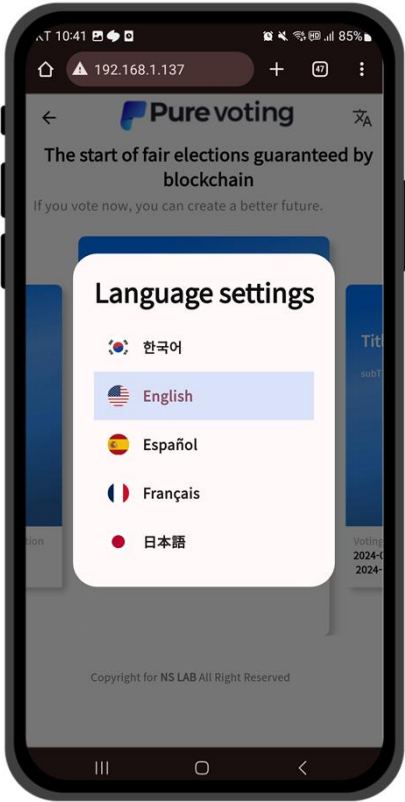
02

The icon button in the upper right corner is the language settings button.

Language options include Korean, English, Spanish, French, Japanese

03

Language settings screen

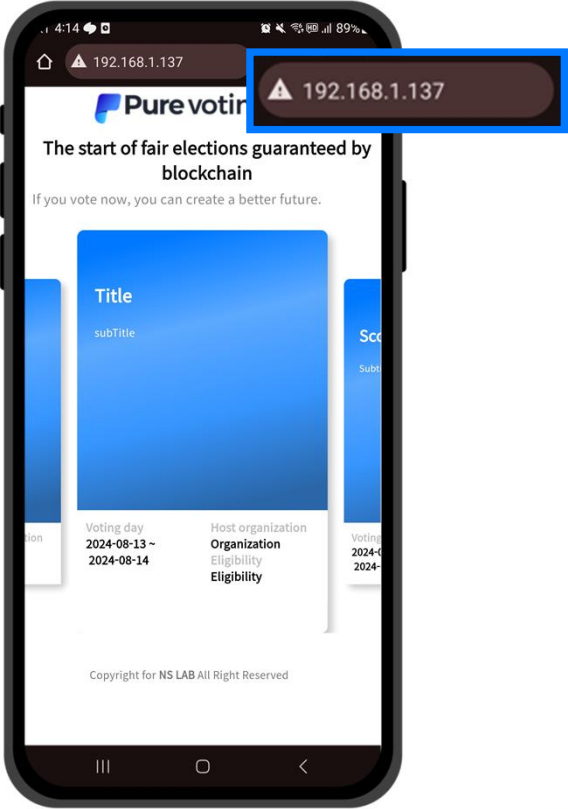


Voter Mode

How to Use

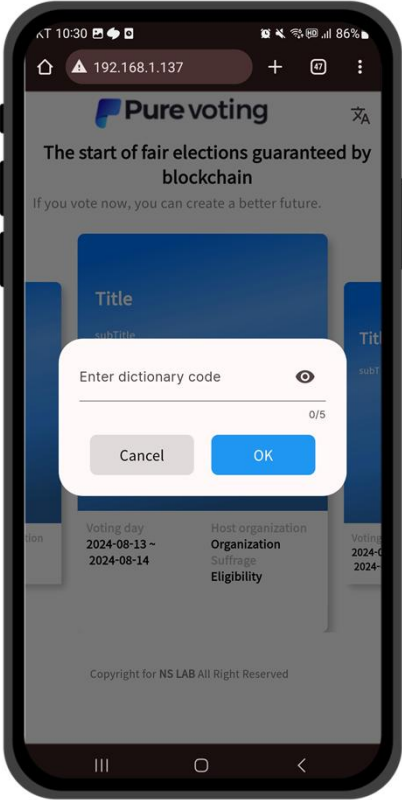
01

Start Pure voting.
If success to connect voting IP,
You can confirm the voting currently
under way, opened by the administrator.



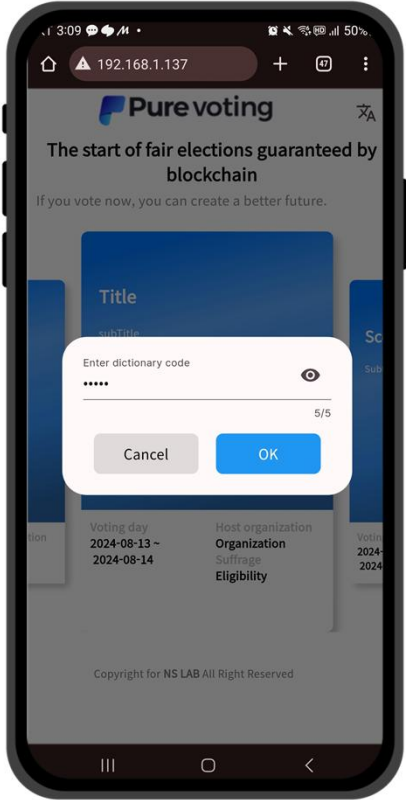
02

Those who can participate in the vote
will be given a code in advance.
Please enter your code given in
advance.



03

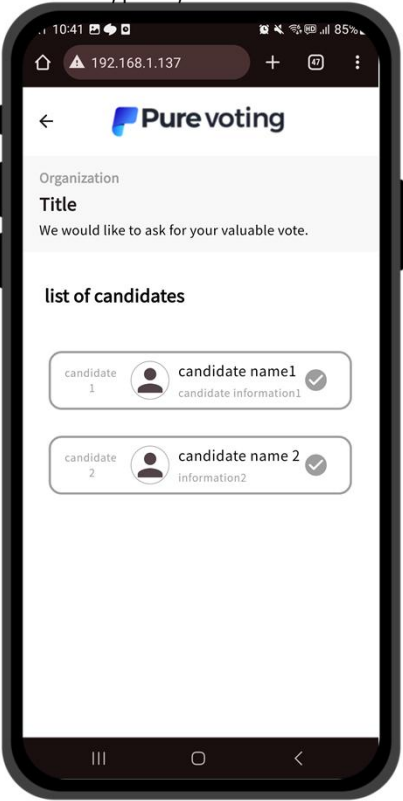
Press the OK button.
Then check your code and decide
whether to approve access.



Voter Mode

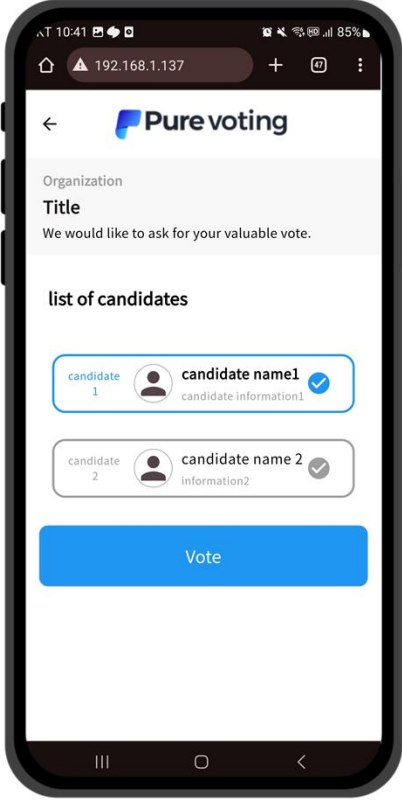
04

Example: Majority Voting
If access is allowed, you can check the list of candidates for the vote. You can check the voting title, organization, candidate's name, photo, and information.



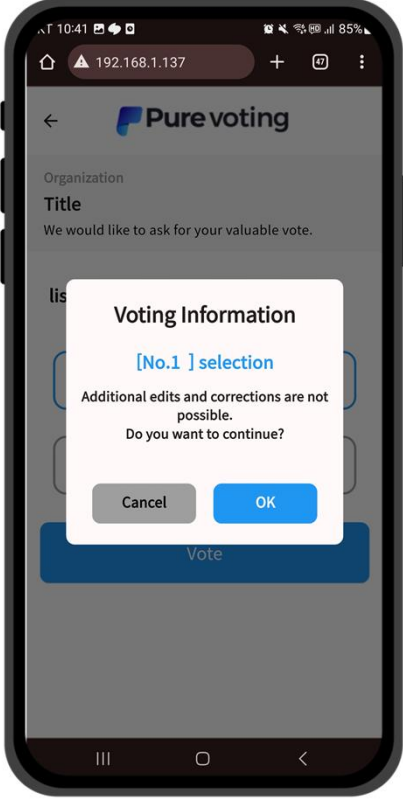
05

Please select the candidate you want to vote for.
And press the Vote button.



06

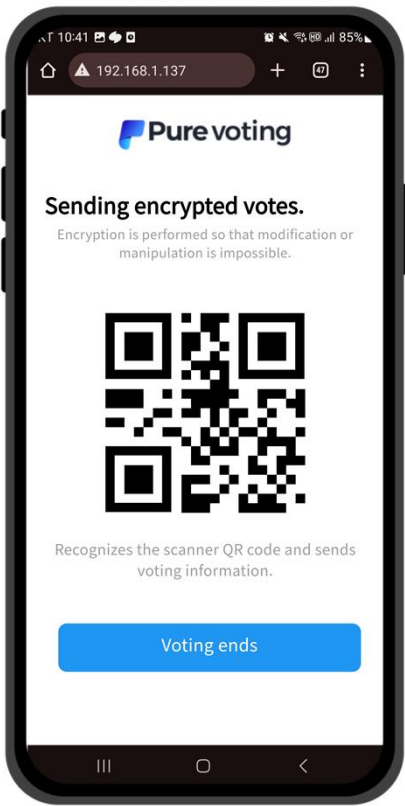
The final confirmation screen will be displayed.
Make sure you make the right choice and press the OK button for submission.



Voter Mode

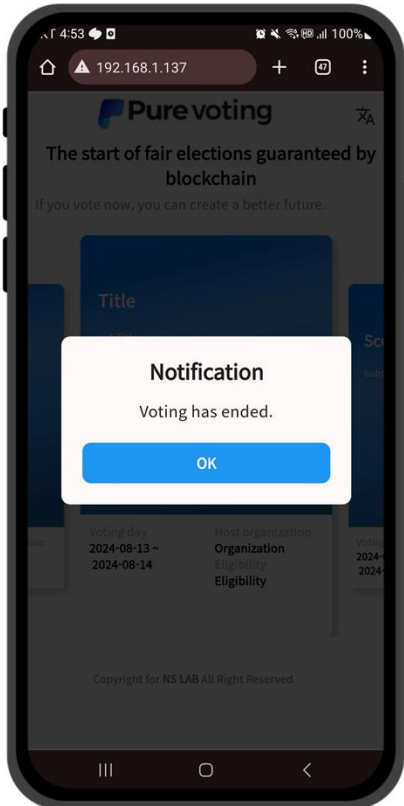
07

It's all ready for submission now.
A QR code containing your voting information
will be displayed.
Please show this QR code to the
administrator's camera.



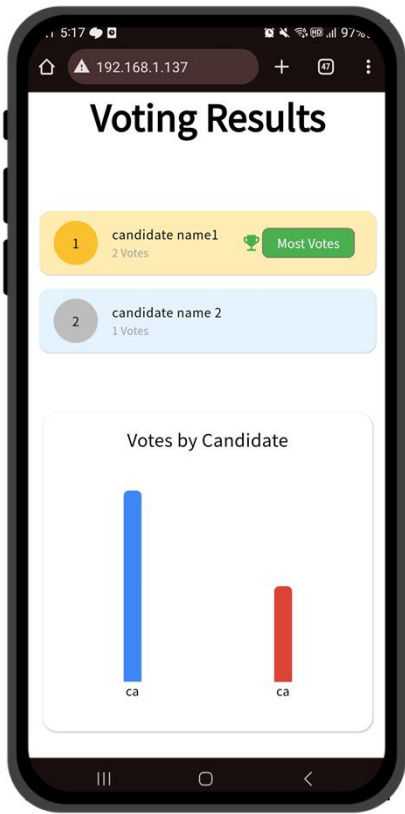
08

When the voting time has ended, if you
click the voting card again, an "Ended"
notification will appear, and you will be
redirected to the results page.



09

The result page includes information on
whether a candidate won or lost, along
with a bar chart and a pie chart.



Voter Mode

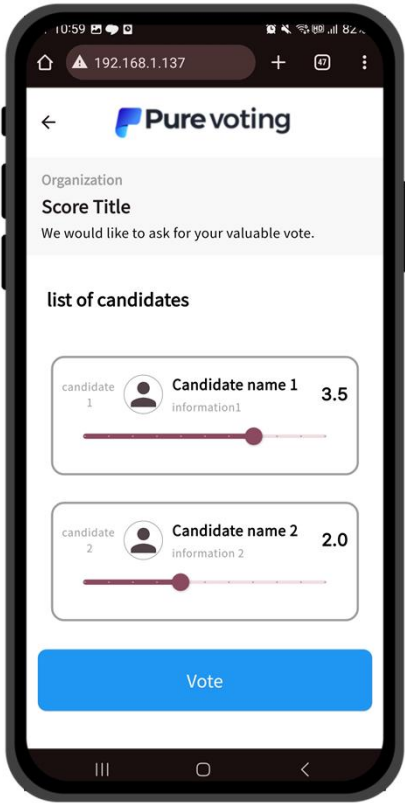
Other Types of Voting

01

Score Voting

Set your desired score using the slider at the bottom of the candidate list

The score increments by 0.5 points, with a maximum of 5 points

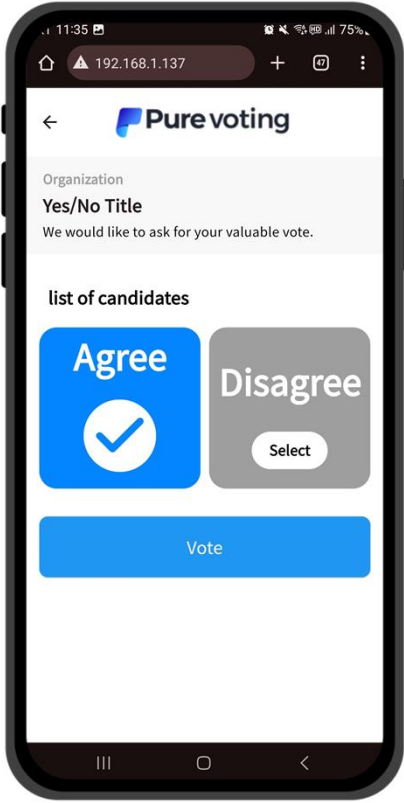


02

Yes/No Voting

You can choose either "Agree" or "Disagree"

When you press the button, the color changes, and a checkmark icon appears

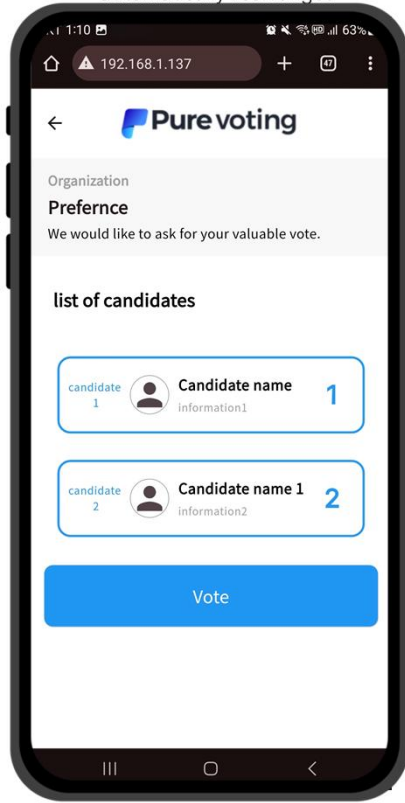


03

Preference Voting

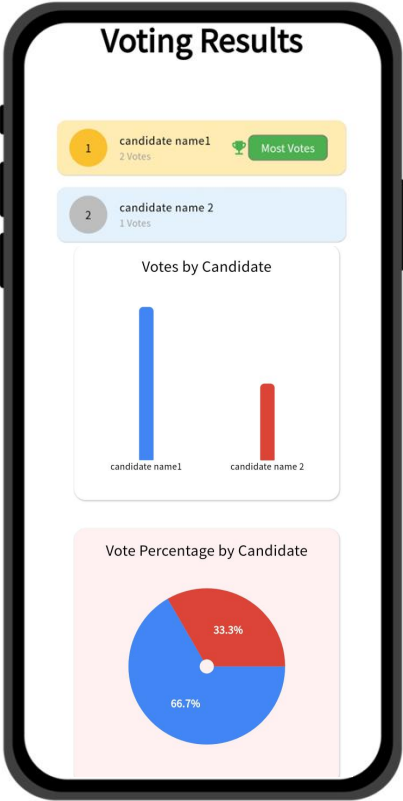
When you click a candidate button, the order of your selections is displayed on the right side

If you click the button again, the selection is canceled, and the order is automatically rearranged



Voter Mode

Voting Result Page



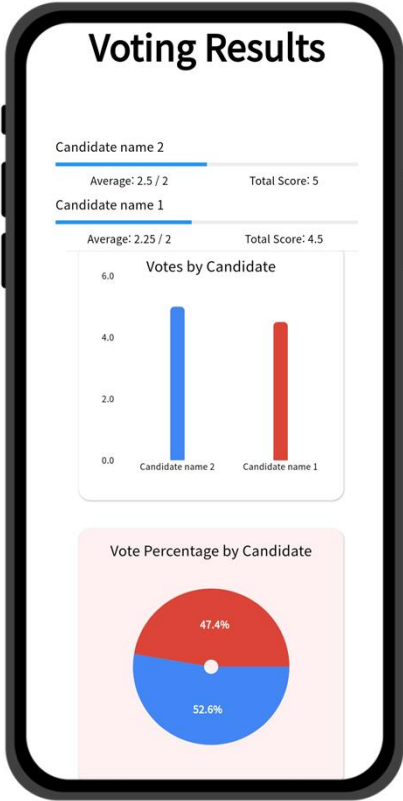
01

Majority Voting, Yes/No Voting

The top candidate list section display who received the most votes using icons

The bar chart shows who received the most vote in a graphical format

The pie chart displays the percentage of votes received by each candidate



02

Score Voting

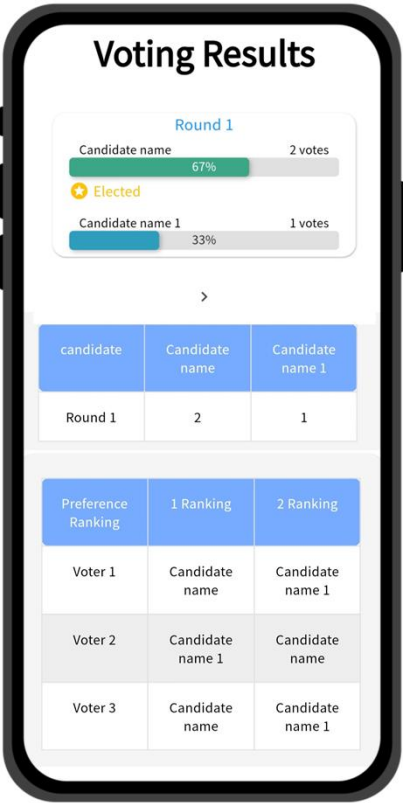
The top section receives a list of candidates and displays it in the form of a score list UI. Each candidate is shown with their name score, and average score, presented both as text and in a graphical format

The bar chart shows the final scores received from voters

The pie chart displays the final scores received from voters as percentages

Voter Mode

Voting Result Page



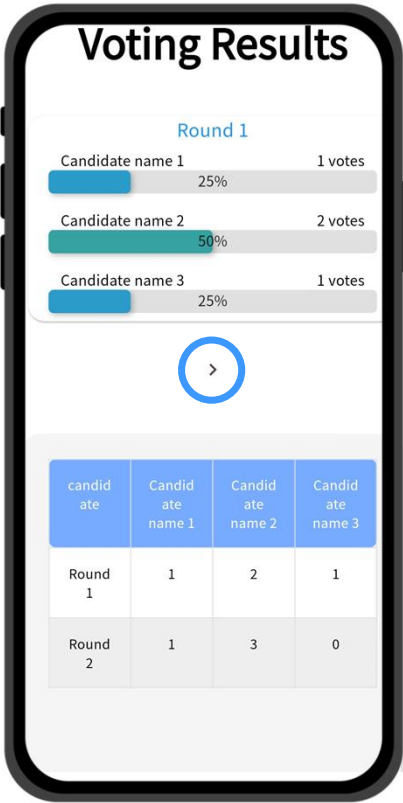
01

Preference Voting

The top graph aggregates and displays the preferences given by voters to each candidate, in order, using a graphical format.

The first table shows the value used to determine the winner through rounds in case to ties

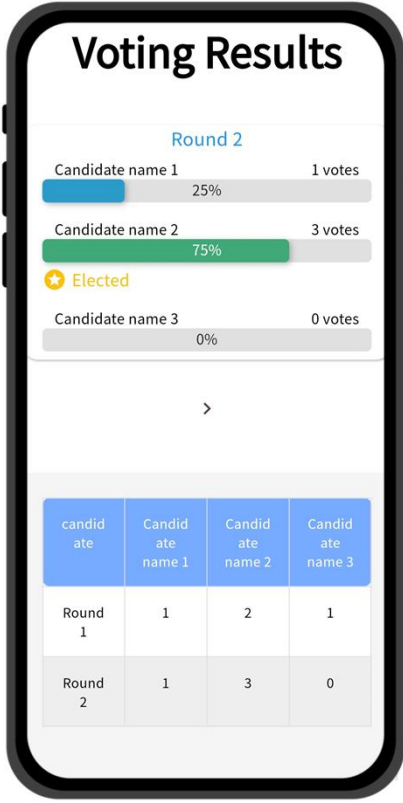
The second table displays the order in which voters selected their preferred candidates.



02

In case of a tie

In case of tie, clicking the icon button will move to the next round until a winner is determined

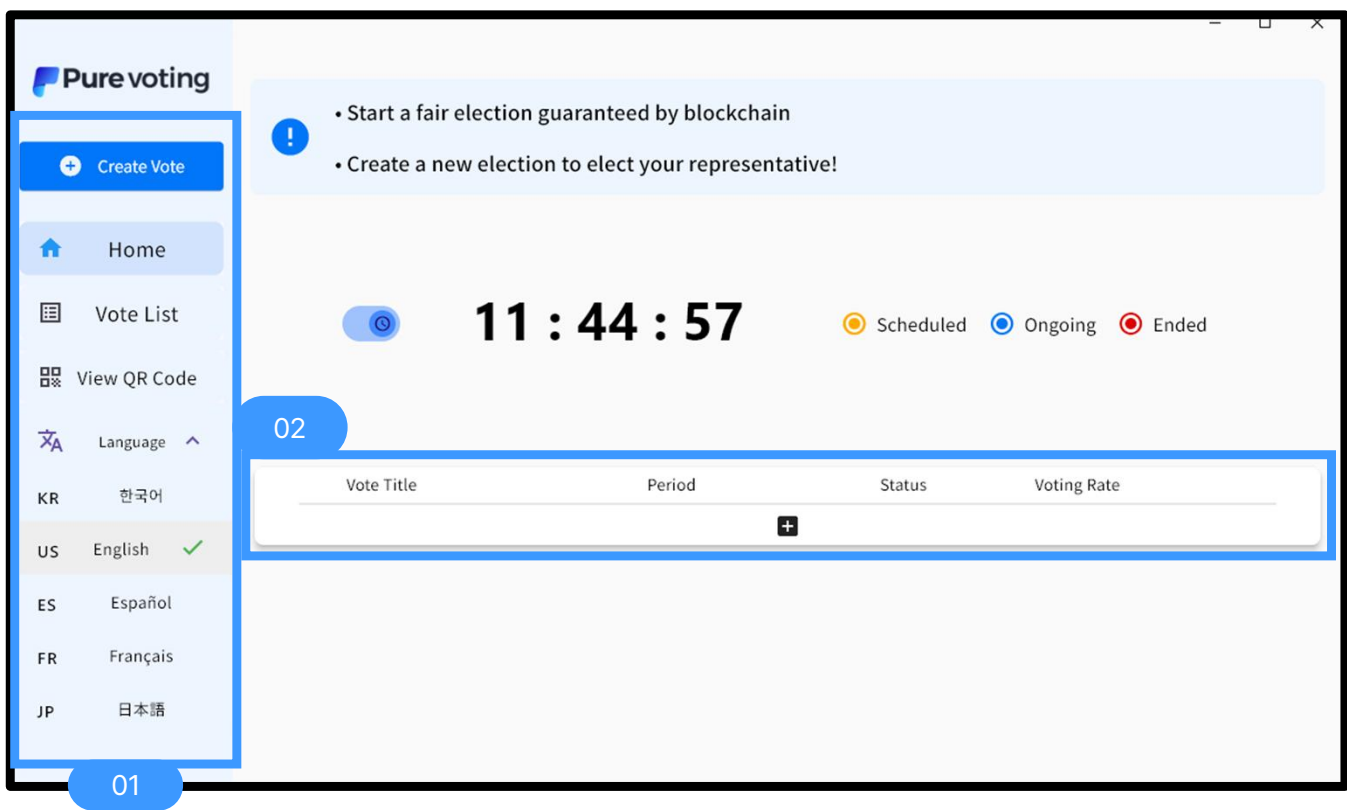


Administrator Mode



Administrator Mode

Feature Description



01

Create Vote

The Create Vote button is used to create a vote, which includes options for majority vote, score vote, yes or no vote, and preference vote.

Home

The home button takes you to the main page, which is primarily where you create votes and where a list of votes aggregated after creation is generated.

Vote List

The Vote List page is where you can view the results of votes after aggregation, including a list of results and graphical representations of those results.

View QR code

The View QR Code button displays a QR code that links to the webpage used by voters.

* After clicking, a QR code will be displayed, and if you click the printed QR code again, you can go back.

Language

The Language button allows you to select from languages such as Korean, English, Spanish, French, Japanese and after selecting a language, you will be redirected to the home page

02

After completing the vote settings, the created vote will be added to the list above

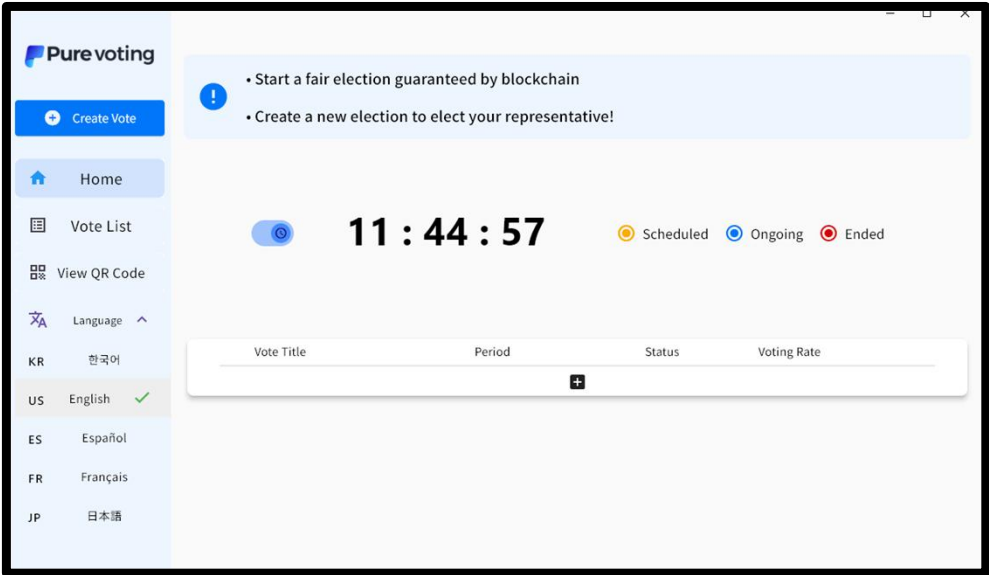
Pressing the + icon located in the middle of the list will also navigate you to the vote creation page.

Administrator Mode

Create a Vote

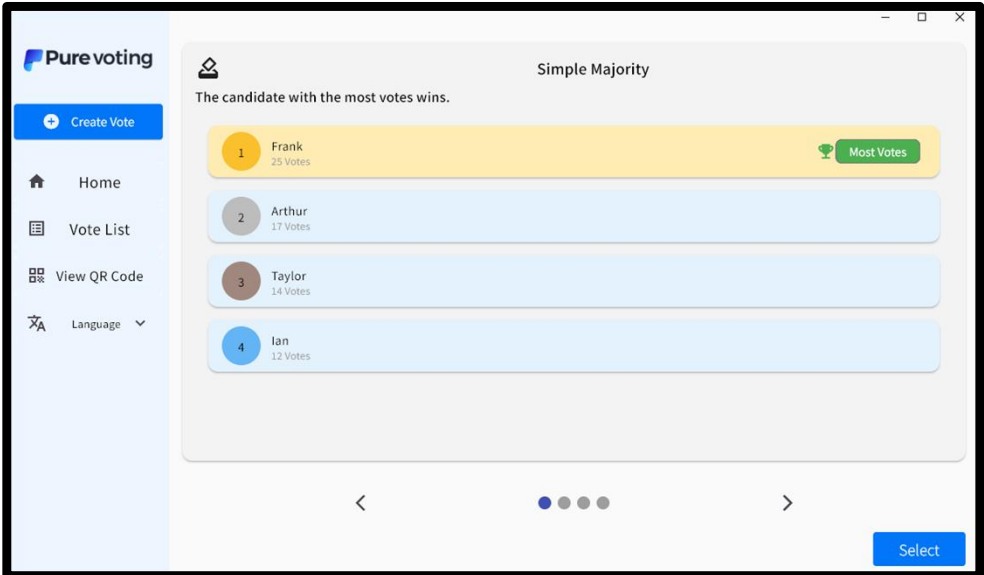
01

Click the Create Vote button to navigate to the vote creation page



02

On the example page for majority vote, score vote, yes or no vote or preference vote, the user can display their desired voting method.
After selecting the desired method, clicking the Select button will take the page where they can configure their chosen voting option



Administrator Mode

03

Here, there are voting titles, voting subheadings, subject agencies, voting rights, voting period setting, and code entry fields designed so that only a set of voters can access them.

The screenshot shows the 'Simple Majority' configuration screen. At the top, a progress bar indicates three steps: '01 Enter Basic Information' (completed with a checkmark), '02 Check Information' (in progress with a circle), and '03 Generation Completed' (pending with a circle). The left sidebar contains the 'Pure voting' logo, a 'Create Vote' button, and navigation links for 'Home', 'Vote List', 'View QR Code', and 'Language'. The main content area is titled 'Simple Majority' with the subtitle 'The candidate with the most votes wins.' It features input fields for 'Voting Title' and 'Subtitle'. Below these are fields for 'Organization', 'Eligibility', and 'Voting Period' (set to 2024-08-16 13:33). At the bottom, there are fields for 'Candidate Name' and 'Candidate Information', a user icon, and a '+ Registration' button. A 'Next' button is located at the bottom right.

04

The **Yes or No** Vote section does not include a candidate selection option.
For Yes or No votes, the candidates Agree and Disagree are automatically generated as options.

The screenshot shows the 'Yes/No Voting' configuration screen. The progress bar at the top is identical to the previous screen. The left sidebar is also identical. The main content area is titled 'Yes/No Voting' with the subtitle 'Vote for or against a specific proposal.' It features input fields for 'Voting Title' and 'Subtitle'. Below these are fields for 'Organization', 'Eligibility', and 'Voting Period' (set to 2024-08-16 13:39). At the bottom, there is a single input field and a '+ Registration' button. A 'Next' button is located at the bottom right.

Administrator Mode

05

Please enter the following information: Vote Title, Subtitle, Organization, Eligibility

Pure voting

01 Enter Basic Information 02 Check Information 03 Generation Completed

Create Vote

Simple Majority
The candidate with the most votes wins.

Voting Title
Title

Subtitle
Subtitle

Organization
Organization

Eligibility
Eligibility

Voting Period
2024-08-16 13:33 2024-08-16 13:33

Candidate Name
Candidate Information

+ Registration

Next

06

To set the time, click on the date and time fields in the Voting Period section (left: start time, right: end time).

You can then select and configure the desired date and time.

Pure voting

01 Enter Basic Information 02 Check Information 03 Generation Completed

Create Vote

Simple Majority
The candidate with the most votes wins.

Voting Title
Title

Subtitle
Subtitle

Organization
Organization

Eligibility
Eligibility

Voting Period
2024-08-16 13:33 2024-08-16 13:33

Candidate Name
Candidate Information

+ Registration

Next

Select date
Fri, Aug 16

Select time
12:00 PM

Administrator Mode

07

The candidate setup includes the following features: image, candidate name, candidate information, and candidate registration.

- 1. Set Image: Click to upload an image from a directory.
- 2. Candidate Name.
- 3. Candidate Information.
- 4. Register Candidate button.

08

For voter settings, when you enter the voter's name, a code for the voter is automatically generated and registered.

- 1. After entering the voter's name, click the + Registration button.

2. Once all the fields for the vote have been filled out, click the Next button.

Administrator Mode

09

After configuring the vote settings and clicking the Next button, you'll be taken to a page where you can review the values you've set. If there are any issues, click the Previous button to go back and make corrections. If everything is correct, click the Next button to proceed.

1. For **Yes or No votes**, the options are automatically generated without the need for manual input.

10

Once the registration is complete on the server, clicking the **Move to Home** button will take you to the main page, while clicking the **Check the Vote** button will take you to the vote aggregation and scanning page.

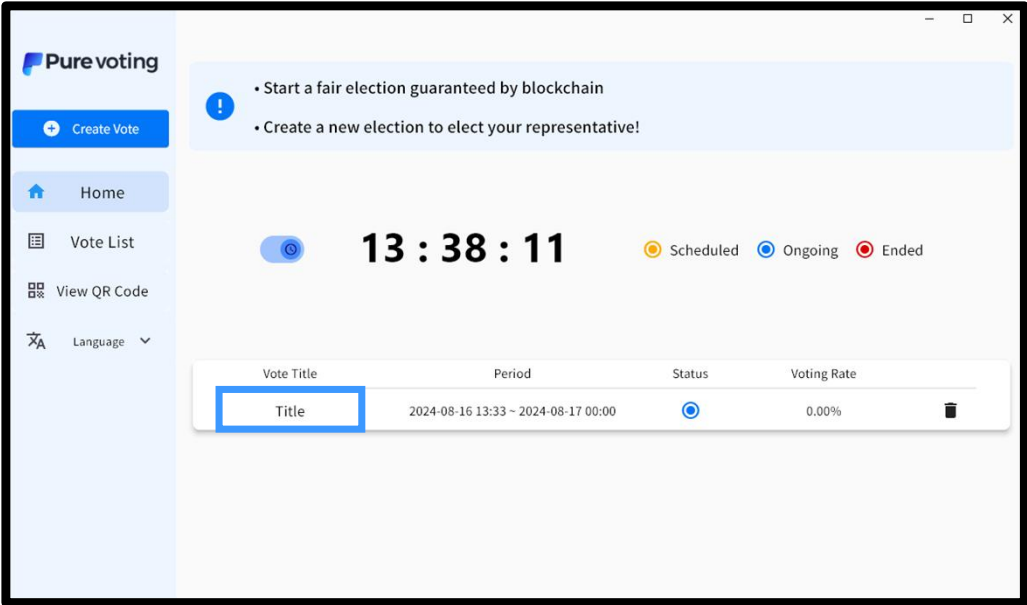
Administrator Mode

Vote Aggregation (Scanning)

01

After creating a vote, it will be added to the list on the main page(Home).

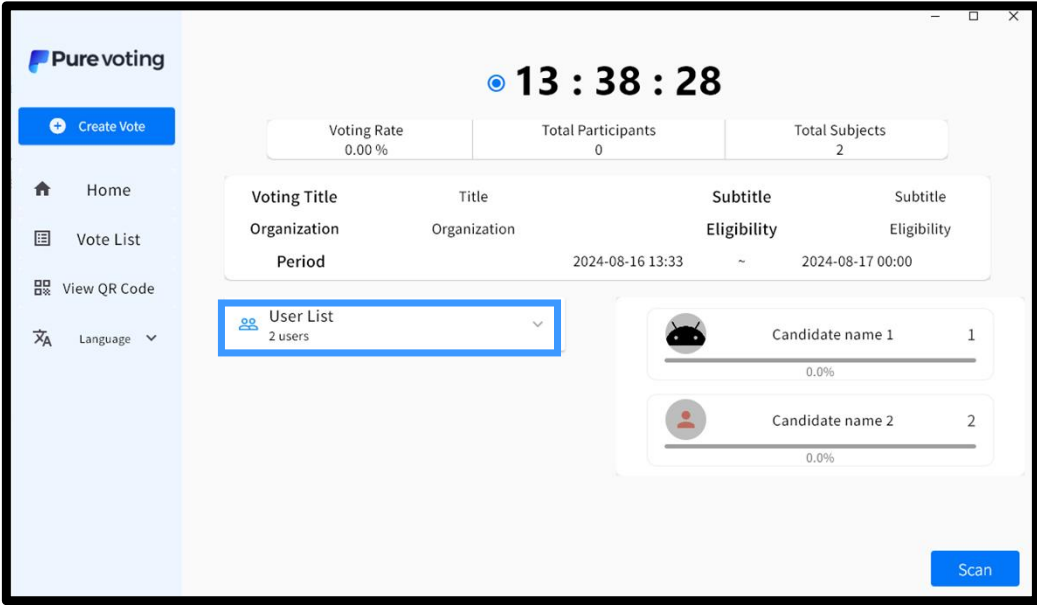
To navigate to the vote aggregation and scanning page from the main page, click on the Vote Title name.



02

Once the registration is complete on the server, clicking the Move to Home button will take you to the main page, while clicking the Check the Vote button will take you to the vote aggregation and scanning page.

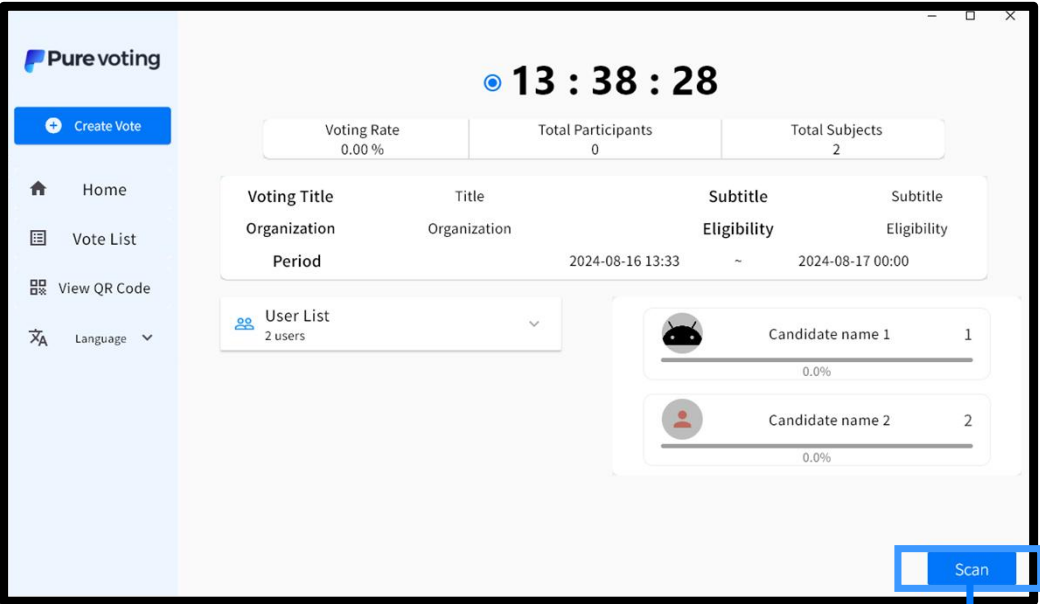
Clicking on the **User List** section will allow you to view the voters' registration numbers.



Administrator Mode

03

When you click the Scan button, the text changes to Stop Scanning, and a page for QR code recognition opens.

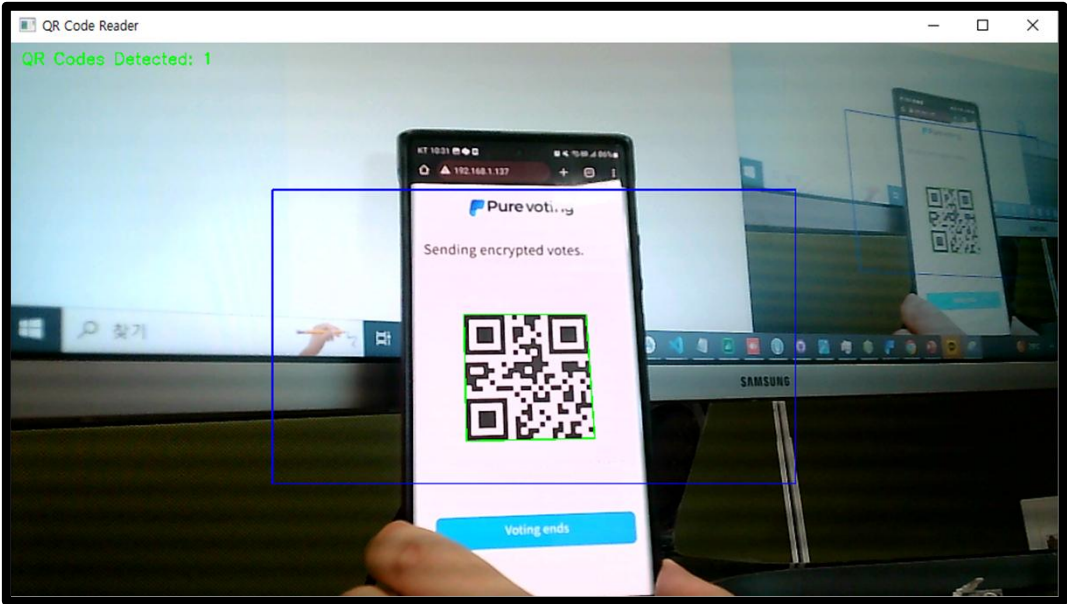


Stop Scanning

04

To scan a QR code, position it within the blue box. Once the QR code is successfully scanned, a green box will appear around the QR code, and a message QR Codes Detected: 1 will be displayed.

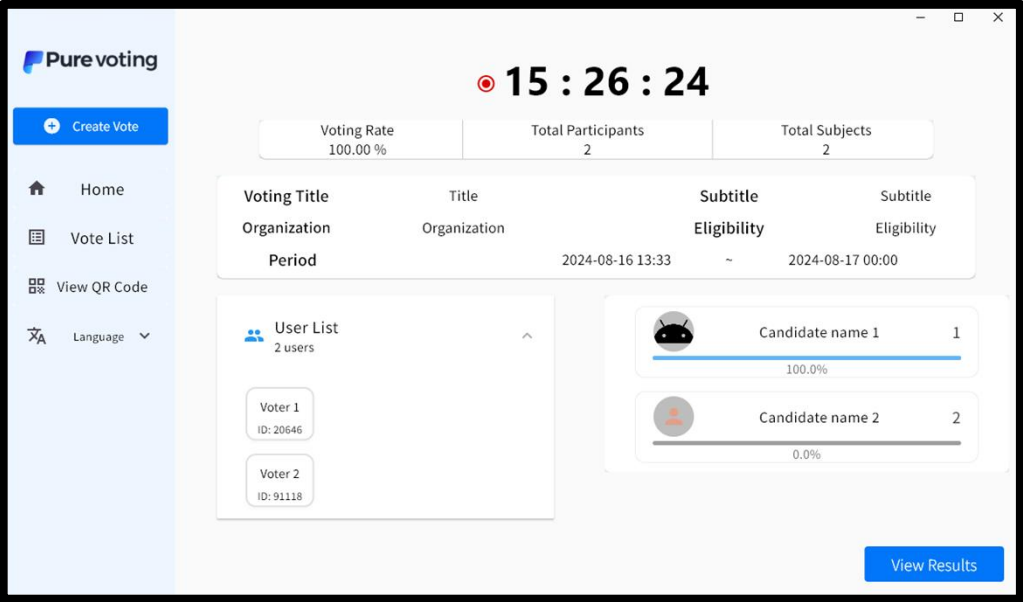
If a voter's ID value is duplicated during scanning, the server will not add the duplicated value.



Administrator Mode

05

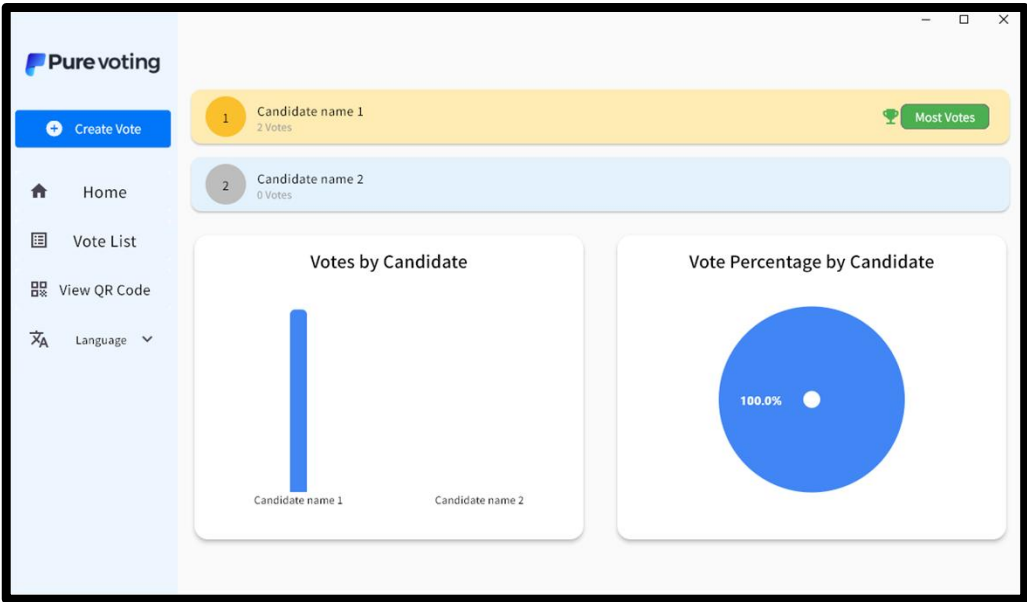
When you click the Scan button, the text changes to Stop Scanning, and a page for QR code recognition opens.



06

To scan a QR code, position it within the blue box. Once the QR code is successfully scanned, a green box will appear around the QR code, and a message QR Codes Detected: 1 will be displayed.

If a voter's ID value is duplicated during scanning, the server will not add the duplicated value.



Administrator Mode

Voting Results Page (by Type)

01

After Voting Ends, Moving to the Results Page

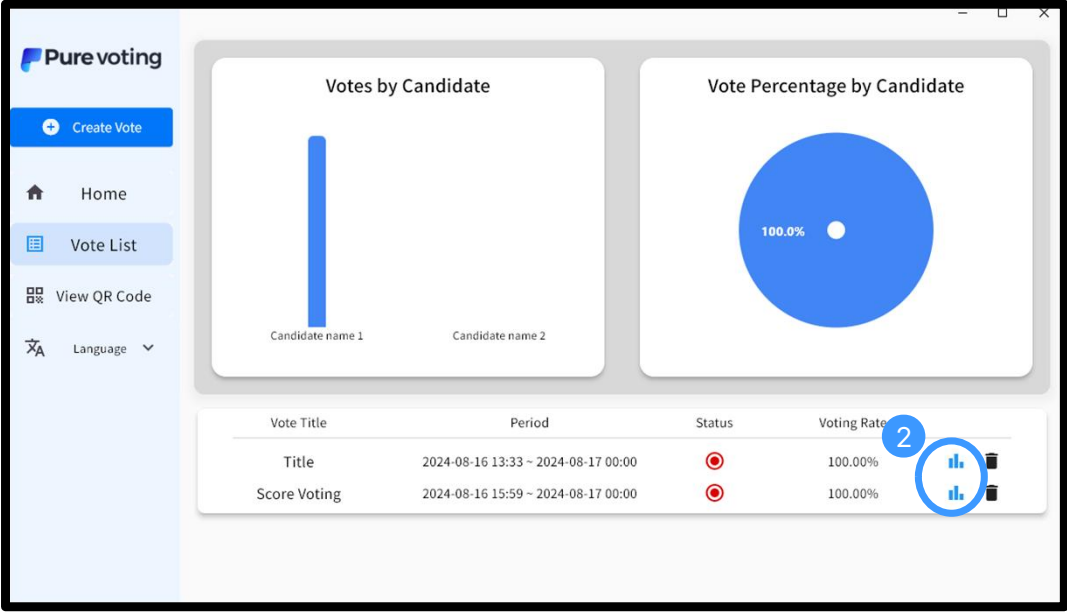
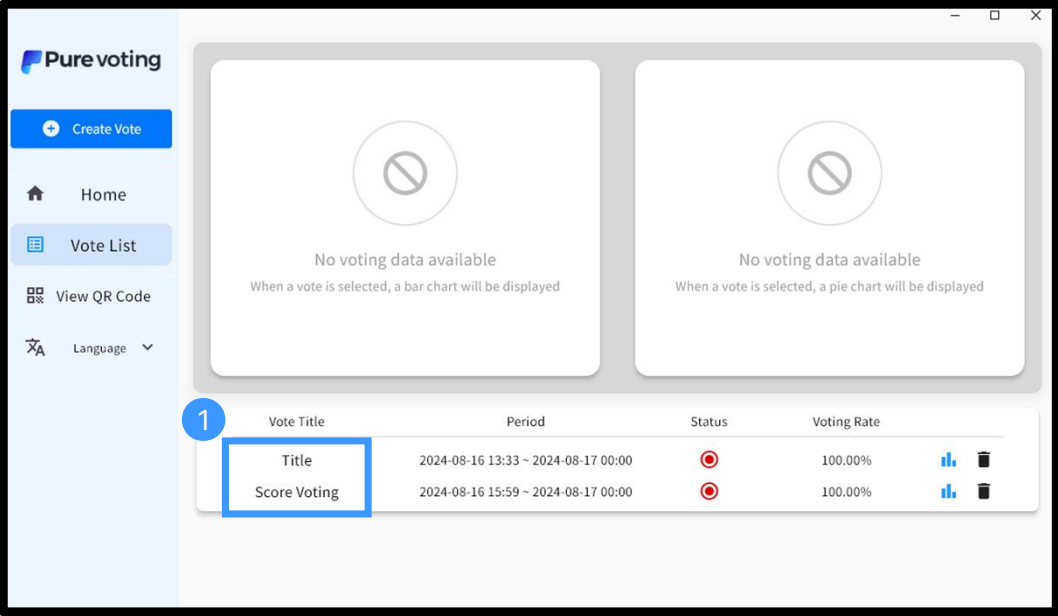
1: From the Aggregation Page: Click the Vote Result button to go to the results page.

From the Main Page:

Click the Vote List button to view the list of votes.
Select the vote title from the list.

In the aggregation page that opens, click the Vote Result button to navigate to the results page.

2: Clicking the blue graph icon within the list will display a graph of the vote values at the top of the page.



Administrator Mode

01

Majority Voting

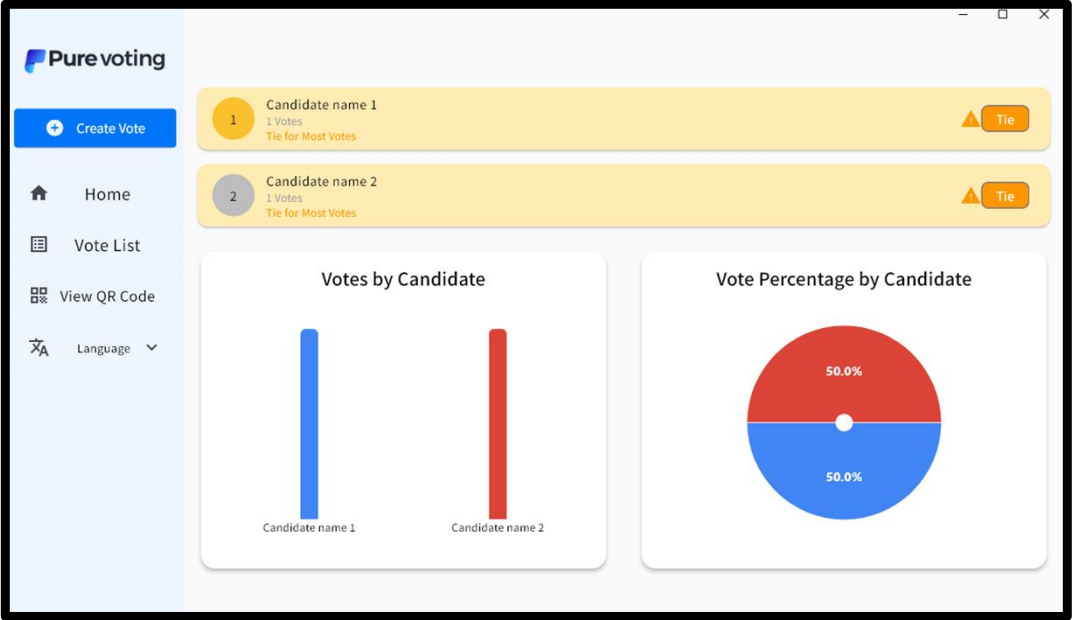
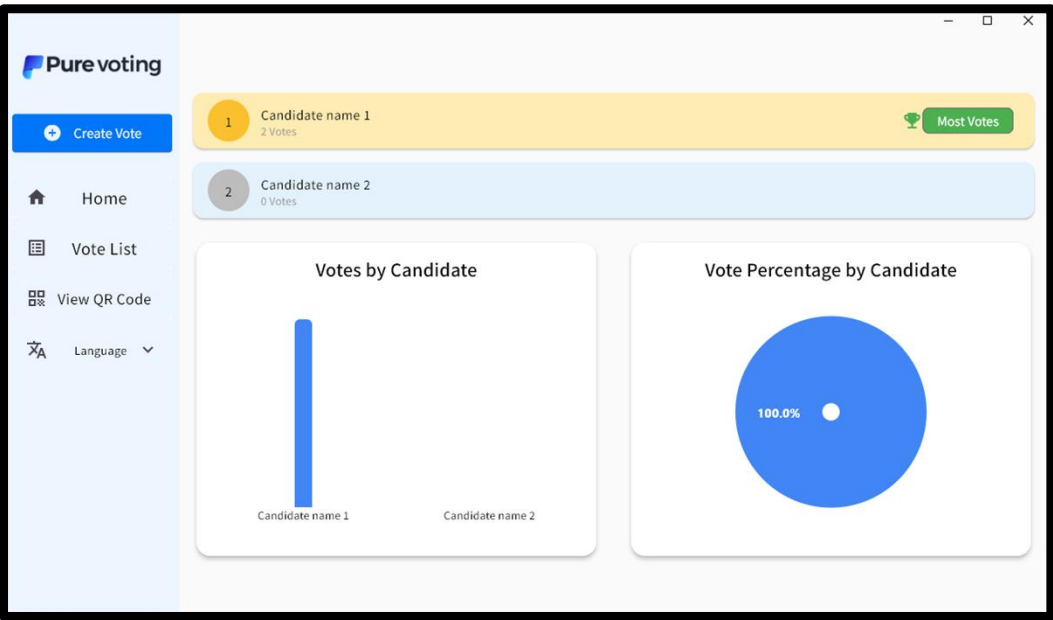
The results page for a majority vote includes the following:

Candidate Election Status: Indicates whether each candidate has been elected.

Bar Graph: Shows the total scores for each candidate.

Pie Chart: Displays the proportion of votes each candidate received.

In case of a tie, an icon and text will indicate that there is a tie between candidates.



Administrator Mode

02

Score Voting

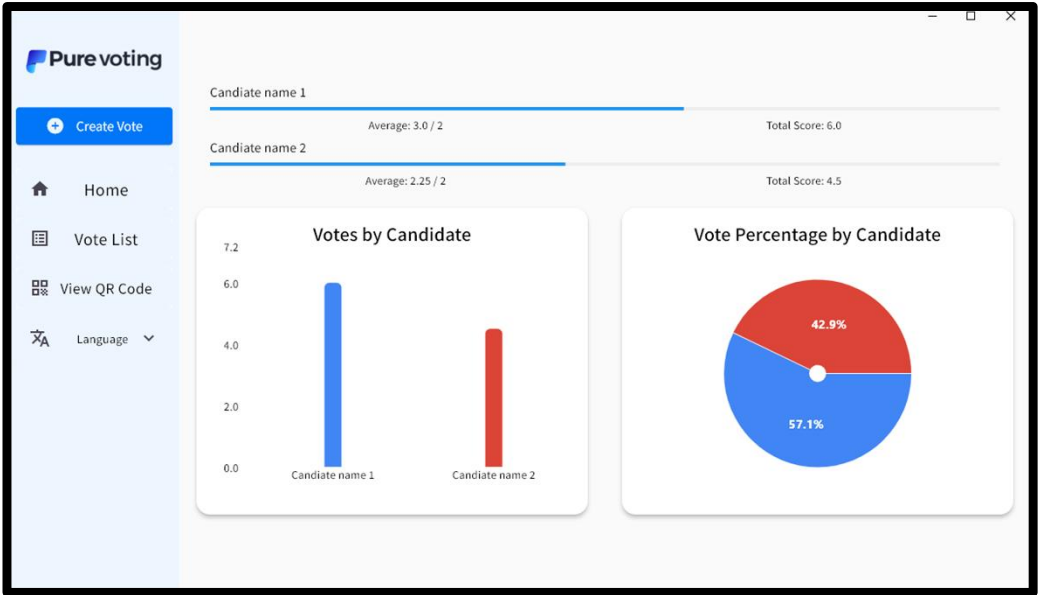
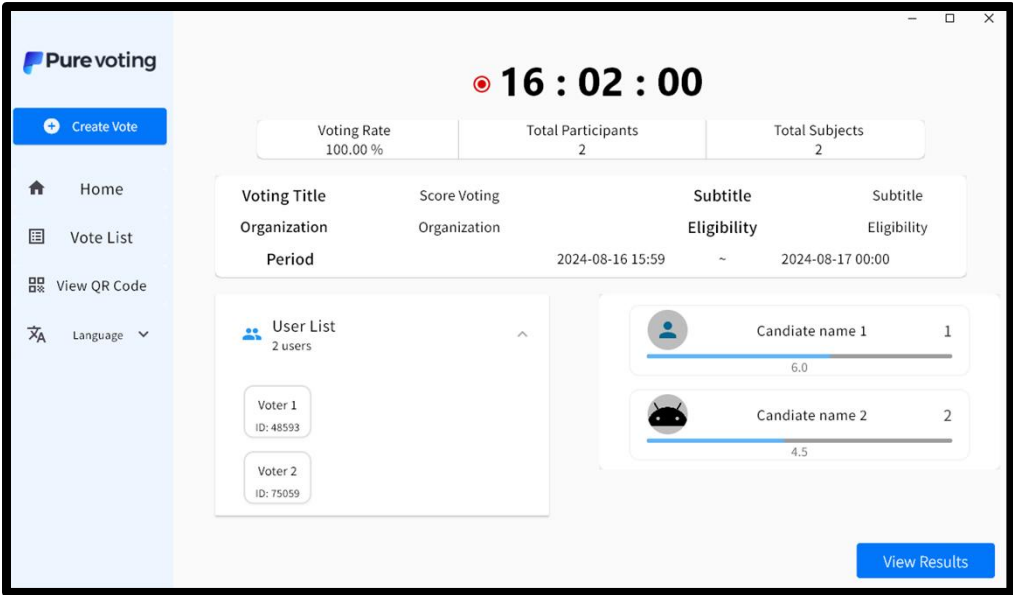
Aggregation Page: The graph values are updated to reflect the cumulative scores.

Results Page:

Average Calculation: The final cumulative scores are averaged and displayed in a graph.

Bar Graph: Shows the total cumulative scores for each candidate.

Pie Chart: Displays the proportion of scores between candidates.



Administrator Mode

03

Yes or no Voting

aggregation section:

Horizontal Bar Graph: Displays the distribution of votes, showing which candidate received the most votes and their proportion

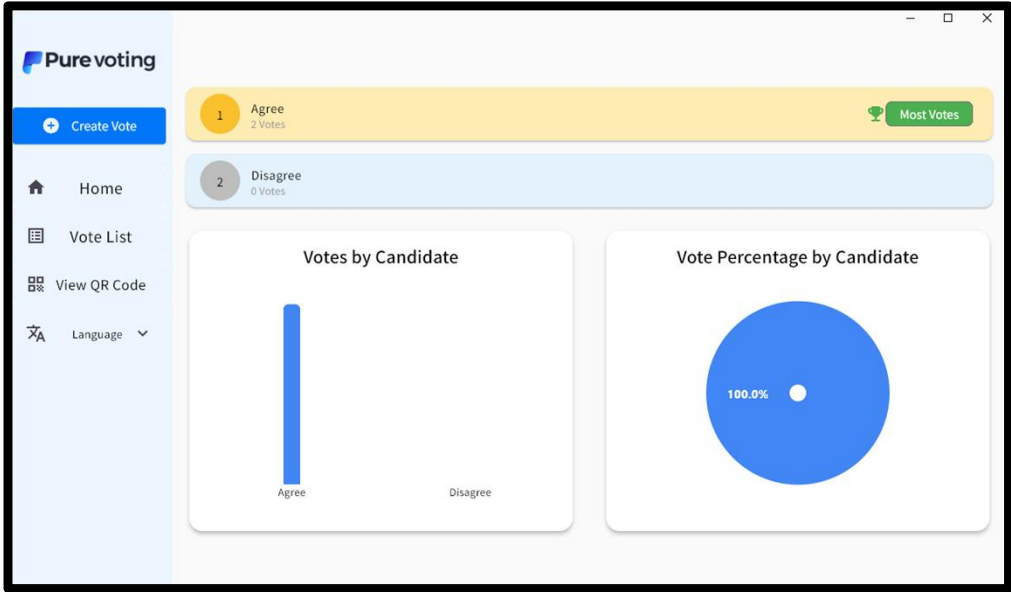
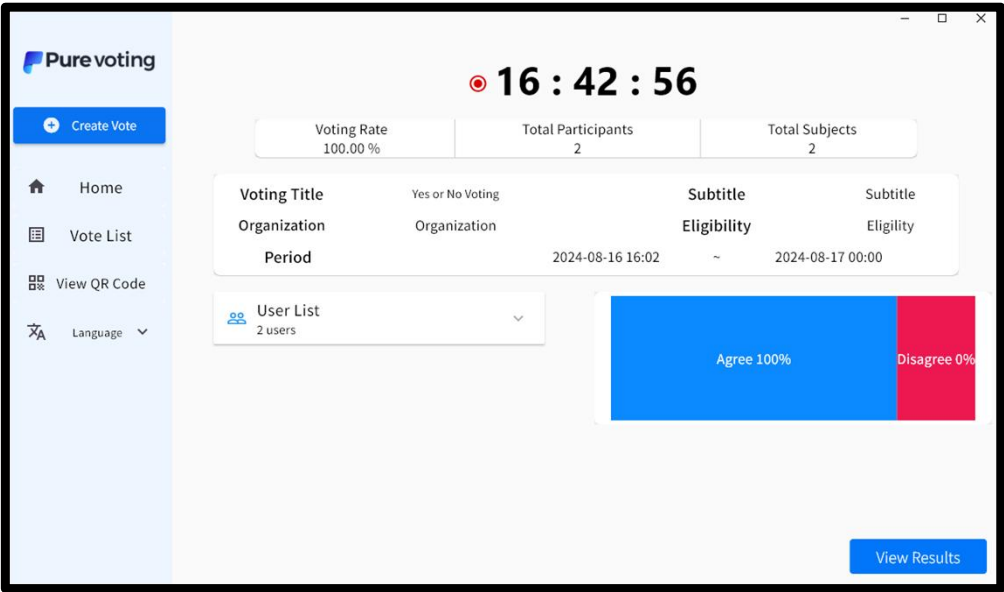
vote results page:

Candidate Election Status: Indicates whether each candidate has been elected.

Bar Graph: Shows the total scores for each candidate.

Pie Chart: Displays the proportion of votes each candidate received.

The features and layout are the same as those for majority votes, including the graphs and result displays.



Administrator Mode

01

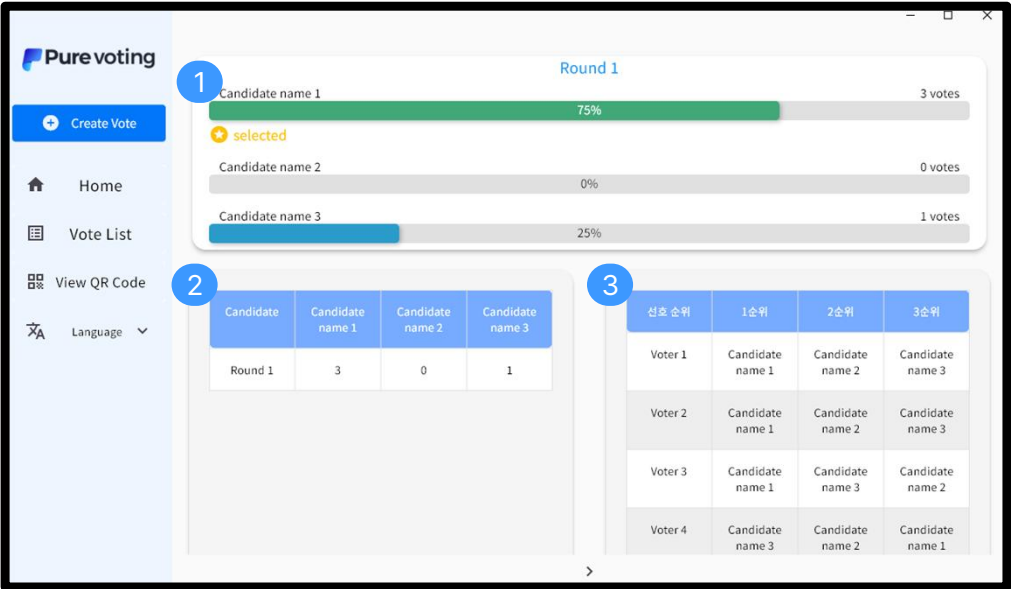
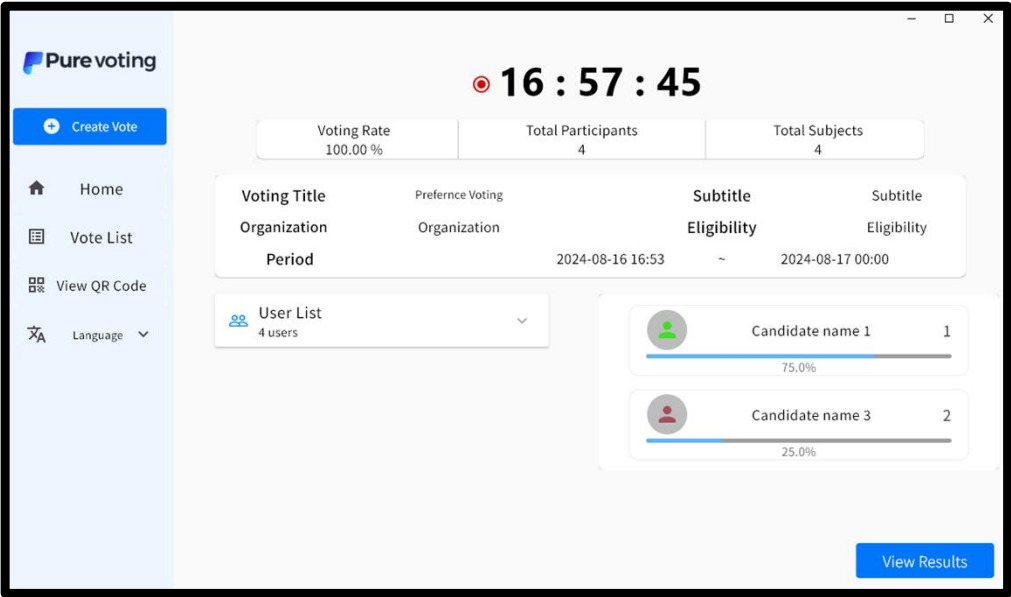
preferences Voting

Aggregation Section:

After tallying the first-choice votes, the average percentage for each candidate is calculated and displayed in a graph.

vote results page:

- 1: The top graph aggregates and displays the preferences given by voters to each candidate, in order, using a graphical format.
- 2: The first table shows the value used to determine the winner through rounds in case to ties
- 3: The second table displays the order in which voters selected their preferred candidates.



Administrator Mode

01

In the case of preference voting:

Handling Duplicates: If duplicates occur, clicking the **> icon** at the bottom will initiate a round-robin process to determine which candidate is elected.

