

# 5.7 Voting / Polling

As one of the collaboration tools, Voting/Polling allows the *moderator* to create sets of questions or quizzes to post/administer to all *participants*. Usually there are three stages in this process.

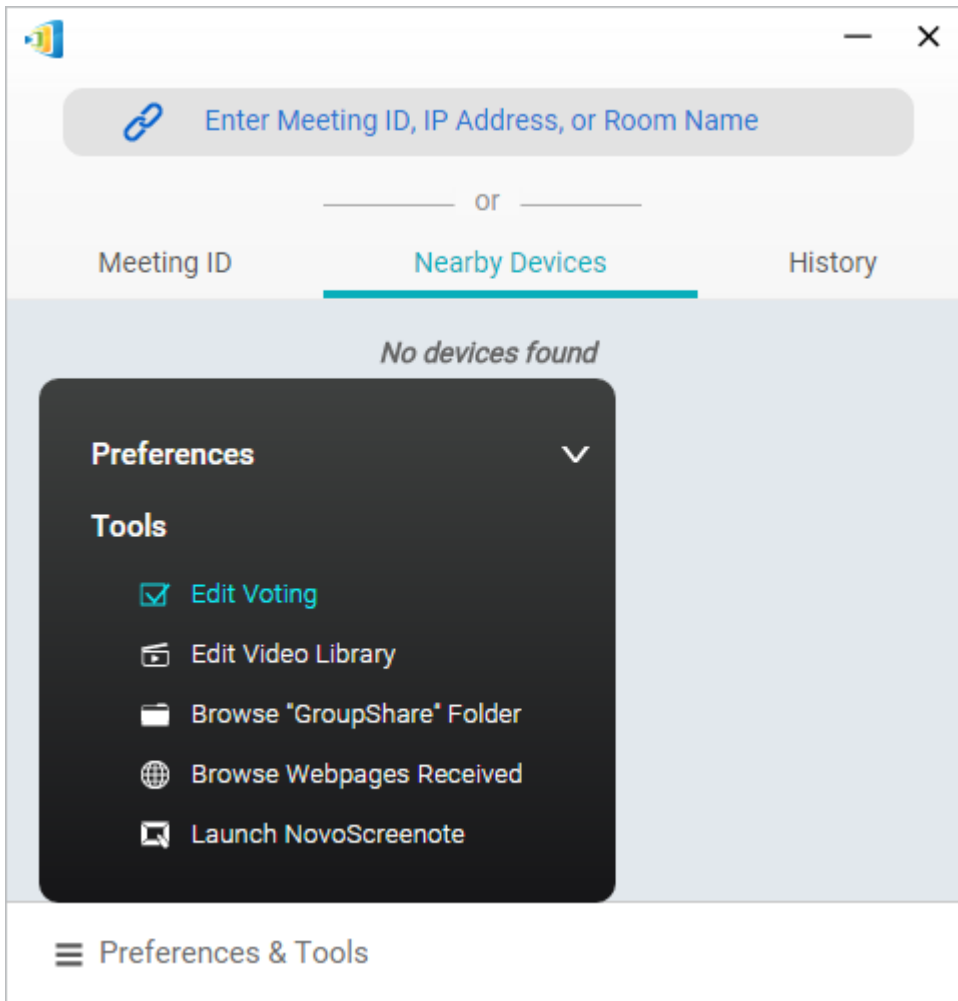
1. Create the question set. Typically, this is done prior to your voting/polling session.
2. Start the voting/polling when in session, where *participants* will respond to the question set and the *moderator* can monitor the progress.
3. Stop the voting/polling, where *participants* get feedback on their submission and the *moderator* has a report of the entire voting/polling session.

Voting/Polling works for both personal computers and mobile devices (phones & tablets) with similar user interface (GUI). To simplify the description of this feature, we mainly use NovoConnect software, the GUI for personal computers, for illustration in the rest of this section.

## 5.7.1 Edit Question Set

As a *moderator*, you can create and edit question set when you are not connected to any Novo devices. As a matter of fact, it is recommended you prepare this prior to your voting/polling session.

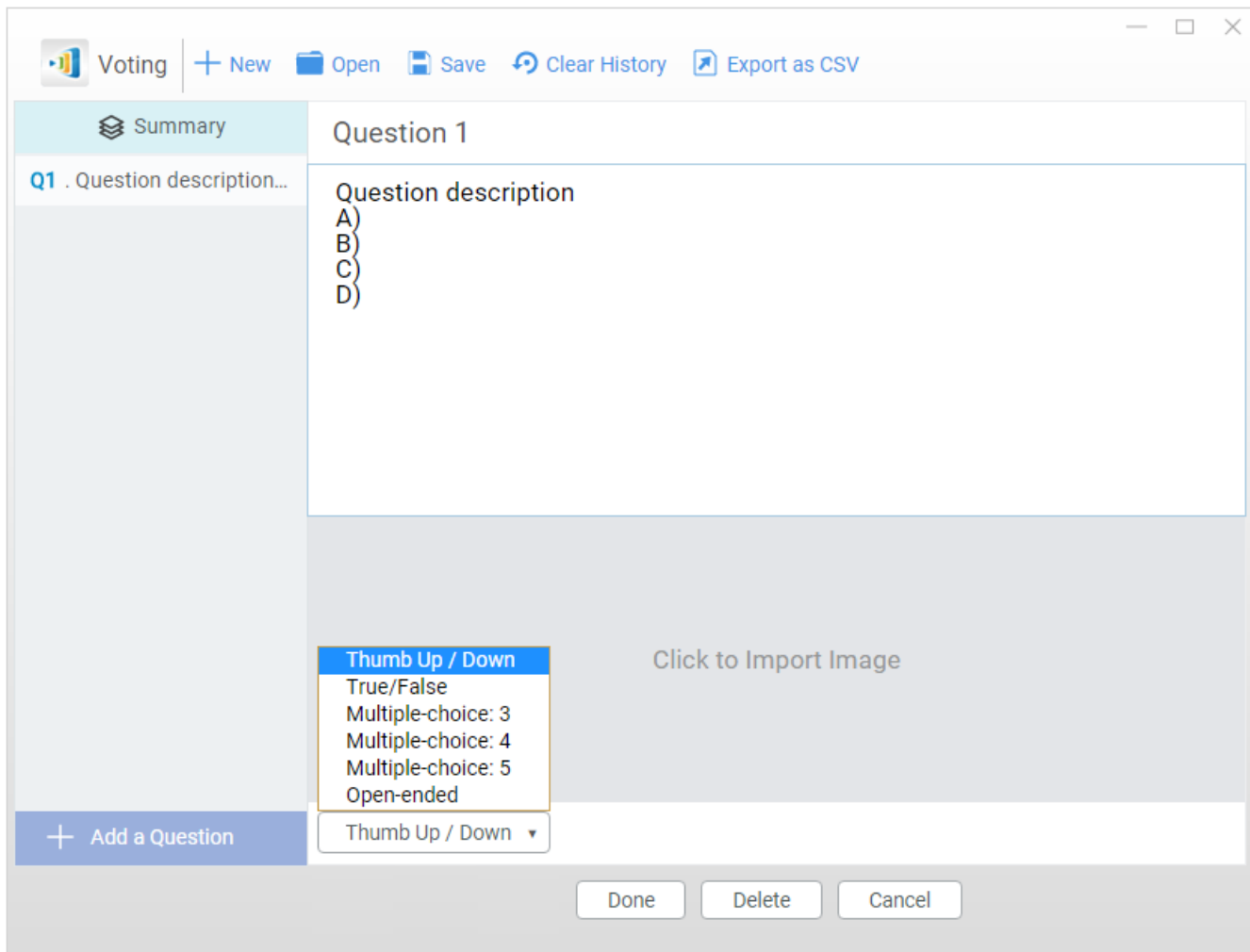
- 1) You can create and edit a question set with NovoConnect software by accessing its “Edit Voting” tool, as shown below.



Accessing tool "Edit Voting"

2) Now you have the editor opened for you, where you can

- Enter the question description (text)
- Import a picture associated with this question (jpg, png, bmp, etc.)
- Specify the question type (True-False, multiple-choice, etc.)
- If "multiple-choice" is chosen, you can also pre-set the "correct" answer
- Of course, you can add more questions as you go



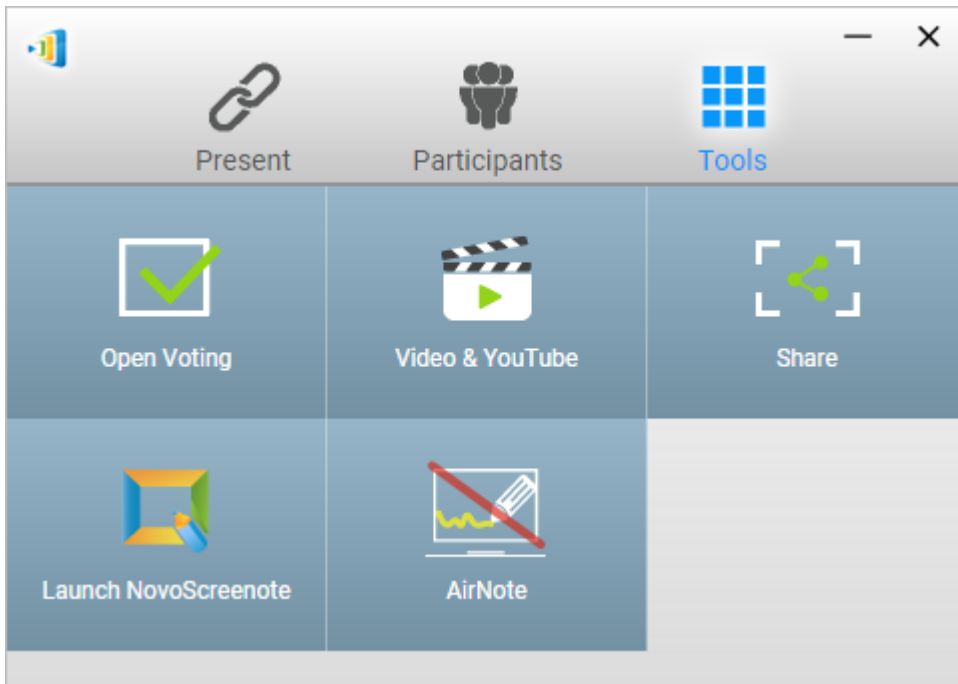
## “Question Set” Editor

3) Lastly, once you finish editing the question set, you can save it on your computer. This will create a database (.db) file that can be re-opened, edited or administered to participants when in session.

## 5.7.2 Start and Stop Voting/Polling

### (1) Moderator View

1) To start Voting/Polling, click on the “Tools” tab and then “Open Voting.” This will bring up the Voting window.



Tools → Open Voting

2) Open an existing question set. Select a question and click “Start” to send it to all **participants**. The question will appear on **participants’** screens.

- Button “View Status”: This will bring up the status window, where the **moderator** can view participants’ reaction in real time.
- Button “View Question”: This will take the **moderator** back to the view of the question itself.

Voting | + New | Open | Save | Clear History | Export as CSV

Summary

Question 2 ( Multiple-choice: 4 )

Q1 . Which is the correct ...

Q2 . Referring to the follo...

Q3 . Open-ended

+ Add a Question

Referring to the following triangle, which one is the correct answer?

A)  $AB = 3$   
B)  $AB = 4$   
C)  $CD = 5$   
D)  $AC = 5$

The diagram shows a circle with center  $O$  and diameter  $AB$ . Point  $C$  is on the upper arc of the circle. Line segments  $AC$ ,  $BC$ , and  $OC$  are drawn. The angle  $\angle COB$  is labeled as  $106^\circ$ . The angle  $\angle C$  (i.e.,  $\angle ACB$ ) is labeled as  $4^\circ$ .

Edit Start View Status

Start Voting/Polling (Question View)

The screenshot shows the 'Voting' application interface. At the top, there are navigation buttons: '+ New', 'Open', 'Save', 'Clear History', and 'Export as CSV'. The main content area displays 'Question 2 (Multiple-choice: 4)' with the text: 'Referring to the following triangle, which one is the correct answer? A) AB = 3 B) AB...'. Below the question, there is an 'Answer' toggle switch. A large green circle indicates 'Submitted 1/1'. To the right, a table shows the results for each option:

Option	Percentage	Count
A	0%	0
B	100%	1
C	0%	0
D	0%	0

Below the results, a table shows the status of participants:

Name	Status	A	B	C	D
Total: 1	0	0	1	0	0
Brad	●		●		

At the bottom, there are three buttons: 'View Question', 'Hide Details', and 'Stop'.

Start Voting/Polling (Status View)

3) To stop the voting/polling, click on button "Stop".

- Please note that the *moderator* needs to stop the current voting before starting another voting question.
- The moderator can export the voting/polling result as a CSV file by clicking "Export as CSV".

## (2) *Participant View*

Once a *participant* receives a voting/polling question, the question will pop up automatically on the *participant's* screen.

- For multiple-choice questions, the *participant* can select the answer and then submit, as illustrated in the figure below (which is a screen-shot from NovoConnect App running on a smart phone.)
- For open-ended questions, the *participant* can select an

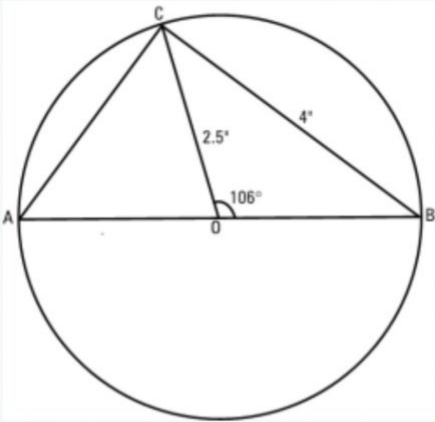
image file from your device for submission

< Voting\_Question 2

A<sup>+</sup> A<sup>-</sup>

Referring to the following triangle, which one is the correct answer?

A)  $AB = 3$   
B)  $AB = 4$   
C)  $CD = 5$   
D)  $AC = 5$



A B C D

Submit

Participant View (on Smart Phones)