CLAIMS

1. A communication terminal device that performs communication with another communication terminal device through a network, the communication terminal device comprising:

a storage unit configured to store therein thresholds for communication speed and display methods for displaying states of the communication speed for respective groups into which communication quality is categorized;

an acquiring unit configured to acquire a communication speed of at least video during communication for a video conference;

a determining unit configured to compare the acquired communication speed with the thresholds for the communication speed stored in the storage unit and determine a display method for displaying a state of the acquired communication speed; and

a display unit configured to display the state of the acquired communication speed and video data received through the communication for the video conference ~~with~~by the determined display method.

2. The communication terminal device according to claim 1, wherein the display methods include displaying the communication speed with a different color for each of the groups.

3. The communication terminal device according to claim 1, wherein the display methods include displaying the communication speed with a different number of divisions for each of the groups.

4. The communication terminal device according to claim 1, wherein the display methods includes displaying the communication speed with a different word for each of the groups.

5. The communication terminal device according to claim 1 wherein the display methods include displaying the communication speed with at least two of a different color for each of the groups, a different number of divisions for each of the groups, and a different word for each of the groups.

6. The communication terminal device according to claim 1, wherein:

the acquiring unit further acquires a communication speed of audio during the communication; and

the display unit further displays the state of the acquired communication speed of audio and outputs audio data received through the communication.

~~6~~7. A communication terminal device that performs communication with another communication terminal device through a network, the communication terminal device comprising:

a first storage unit configured to store therein thresholds for communication speed and first display methods for displaying states of the communication speed for respective groups into which communication quality is categorized;

a second storage unit configured to store therein thresholds for virtual theoretical value of communication speed and second display methods for displaying states of the virtual theoretical value for respective groups into which communication quality is categorized;

a communication speed acquiring unit configured to acquire a communication speed of at least video during communication for a video conference;

a first determining unit configured to compare the acquired communication speed with the thresholds for the communication speed stored in the first storage unit and determine a first display method for displaying a state of the acquired communication speed;

a maximum value acquiring unit configured to acquire, in each given period of the communication, a maximum value of the communication speed in the period as a virtual theoretical value;

a second determining unit configured to compare the acquired virtual theoretical value with the thresholds for the virtual theoretical value stored in the second storage unit and determine a second display method for displaying a state of the acquired virtual theoretical value; and

a display unit configured to display the state of the acquired communication speed and video data received through the communication for the video conference by the determined first display method and display the state of the acquired virtual theoretical value by the determined second display method.

8. The communication terminal device according to claim 7, wherein:

the communication speed acquiring unit further acquires a communication speed of audio during the communication; and

the display unit further displays the state of the acquired communication speed of audio and outputs audio data received through the communication.

~~7~~9. A communication system comprising a plurality of communication terminal devices, each corresponding to the communication terminal device according to any one of claims 1 to ~~6~~8, the communication terminal devices being connected through the network.

~~8~~10. A method for displaying a communication state in a communication terminal device that performs communication with another communication terminal device through a network, the communication terminal device including a storage unit configured to store therein thresholds for communication speed and display methods for displaying states of the communication speed for respective groups into which communication quality is categorized, the method comprising:

acquiring a communication speed of at least video during communication for a video conference;

comparing the acquired communication speed with the thresholds for the communication speed stored in the storage unit;

determining a display method for displaying a state of the acquired communication speed; and

displaying the state of the acquired communication speed and video data received through the communication for the video conference ~~with~~ by the determined display method.

11. The method according to claim 10, wherein the method further comprises:

acquiring a communication speed of audio during the communication; and

displaying the state of the acquired communication speed of audio and outputting audio data received through the communication.

~~9~~12. A computer-readable recording medium with an executable program stored thereon, wherein the program instructs a computer to perform the method according to claim 10~~8~~.