What is claimed is:

1. A method for transmitting files, comprising:

receiving, by a first mobile device, a request for transmitting a file to a second mobile device from a user;

transmitting, by ~~a~~the first mobile device, ~~a~~the file to ~~a~~the second mobile device in a first transmission mode ~~after receiving a request for transmitting the file to the second mobile device from a user~~;

judging in real-time whether the size of a remaining part of the file is greater than or equal to a preconfigured threshold in the process of transmitting the file;

judging whether ~~following conditions can be satisfied:~~ the first mobile device is able to establish a connection with the second mobile device in a second transmission mode and whether the transmission rate of the second transmission mode is higher than that of the first transmission mode, on condition that the size of the remaining part of the file is greater than or equal to the preconfigured threshold; and

switching the transmission mode of the first mobile device to~~and adopting~~ the second transmission mode to transmit the remaining part of the file~~,~~ on condition that the first mobile device is able to establish a connection with the second mobile device in the second transmission mode and the transmission rate of the second transmission mode is higher than that of the first transmission mode~~the conditions can be satisfied;~~.

wherein in the process of transmitting the file, judging in real-time whether the size of the remaining part of the file is greater than or equal to the preconfigured threshold comprises:

judging in real-time whether the first mobile device could keep a connection with the second mobile device in the first transmission mode, and whether the size of the remaining part of the file is greater than or equal to the preconfigured threshold; and

proceeding to the step of judging whether the first mobile device is able to establish a connection with the second mobile device in the second transmission mode and whether the transmission rate of the second transmission mode is higher than that of the first transmission mode on condition that the first mobile device could keep the connection with the second mobile device in the first transmission mode and the size of the remaining part of the file is greater than or equal to the preconfigured threshold.

2. The method according to claim 1, wherein receiving the request for transmitting the file to the second mobile device from the user~~the first mobile device receives the request for transmitting the file to the second mobile device from the user~~ comprises:

confirming the request for transmitting the file to the second mobile device is received when the first mobile device detects that the user has pressed a send file button to perform an operation of transmitting a file; or

confirming the request for transmitting the file to the second mobile device is received when the first mobile device detects that the user has touched and dragged the file outside a display area of a screen and determines that an operation mode of the file is a sending mode.

3. The method according to claim 1, wherein transmitting the file in the first transmission mode to the second mobile device comprises:

using a default transmission mode of the first mobile device to transmit the file to the second mobile device;

using a transmission mode manually selected by the user to transmit the file to the second mobile device before the user sends the request; or

selecting automatically a transmission mode for the first mobile device to transmit the file to the second mobile device.

4. The method according to claim 1, further comprising:

displaying the remaining part of the file in real-time on a screen in the process of transmitting the file until the entire file transmission is complete, on condition that the file is opened and displayed when the user sends the request.

5. The method according to any of claims 1 to 4, wherein the first transmission mode is Bluetooth and the second transmission mode is WIFI or WAPI.

~~6. The method according to any of claims 1 to 4, wherein in the process of transmitting the file, judging in real-time whether the size of the remaining part of the file is greater than or equal to the preconfigured threshold comprises:~~

~~judging in real-time whether the connection between the first mobile device could keep a connection with the second mobile device, and whether the size of the remaining part of the file is greater than or equal to the preconfigured threshold; and~~

~~proceeding to the step of judging whether the conditions can be satisfied on condition that the first mobile device could keep the connection with the second mobile~~

~~device and the size of the remaining part of the file is greater than or equal to the preconfigured threshold.~~

~~7~~6. The method according to claim ~~6~~1, further comprising:

judging whether the first mobile device could establish a connection with the second mobile device in the second transmission mode on condition that the first mobile device disconnects with the second mobile device in the first transmission mode, if yes, switching the transmission mode of the first mobile device ~~and adopt~~to the second transmission mode to transmit the remaining part of the file.

~~8~~7. A mobile device, comprising:

a receiving module, configured to receive a request for transmitting a file to a second mobile device from a user;

a transmitting module, configured to transmit the file to the second mobile device in a first transmission mode when the receiving module receives the request;

a judging module, configured to judge in real-time whether the size of the remaining part of the file is greater than or equal to a preconfigured threshold when the transmitting module transmits the file, and on condition that the size of the remaining part of the file is greater than or equal to the preconfigured threshold, judging whether ~~the following conditions can be satisfied:~~ the ~~first~~ mobile device is able to establish a connection with the second mobile device in a second transmission mode~~;~~ and whether the transmission rate of the second transmission mode is higher than that of the ~~second~~ first transmission mode; and

a switching module, configured to switch the transmission mode of the mobile device ~~and adopt~~to the second transmission mode to transmit the remaining part of the file after the judging module decides that ~~the conditions can be satisfied~~ the mobile device is able to establish a connection with the second mobile device in the second transmission mode and the transmission rate of the second transmission mode is higher than that of the first transmission mode;

wherein the judging module is configured to judge in real-time whether the mobile device could keep a connection with the second mobile device in the process of transmitting the file, and to judge in real-time whether the size of the remaining part of the file is greater than or equal to the preconfigured threshold; and

the judging module is configured to judge whether the mobile device is able to

establish a connection with the second mobile device in the second transmission mode and whether the transmission rate of the second transmission mode is higher than that of the first transmission mode on condition that the mobile device could keep the connection with the second mobile device in the first transmission mode and the size of the remaining part of the file is greater than or equal to the preconfigured threshold.

~~9~~8. The mobile device according to claim ~~8~~7, wherein the receiving module comprises:

a first receiving unit, configured to detect that the user has pressed a send file button to perform an operation of transmitting the file, and confirm the request for transmitting the file to a second mobile device is received; or

a second receiving unit, configured to detect that the user has touched and dragged the file outside a display area of a screen and judge whether an operation mode of the file is a sending mode or a browse mode; confirm the request for transmitting the file to the second mobile device is received on condition that the operation mode of the file is sending mode.

~~10~~9. The mobile device according to claim ~~8~~7, wherein the transmitting module comprises:

a first transmission unit, ~~configured to~~ configured to transmit the file to the second mobile device in a default transmission mode of the ~~first~~ mobile device; or

a second transmission unit, configured to transmit the file to the second mobile device in a transmission mode manually selected by the user before the user sends the request; or

a third transmission unit, configured to automatically select a transmission mode for the ~~first~~ mobile device and transmit the file to the second mobile device in the transmission mode selected.

~~11~~10. The mobile device according to claim ~~8~~7, further comprising:

a display module, configured to display in real-time the remaining part of the file on a screen during the process of transmitting the file until the file transmission is complete on condition that the file is opened and displayed when the user sends the request.

~~12~~11. The mobile device according to any of claims ~~8~~7 to ~~11~~10, wherein the first transmission mode is Bluetooth and the second transmission mode is WIFI or WAPI.

~~13. The mobile device according to any of claims 8 to 11, wherein the judging module is configured to judge in real-time whether the mobile device could keep a connection with the second mobile device in the process of transmitting the file, and to judge in real-time whether the size of the remaining part of the file is greater than or equal to the preconfigured threshold; and~~

~~proceed to the step of judging whether the conditions are satisfied on condition that the first mobile device could keep the connection with the second mobile device and the size of the remaining part of the file is greater than or equal to the preconfigured threshold.~~

~~14~~12. The mobile device according to claim ~~13~~7, wherein

the judging module is further configured to judge whether the ~~first~~ mobile device could establish a connection in the second transmission mode with the second mobile device when the ~~first~~ mobile device disconnects with the second mobile device;

the switching module is further configured to switch the transmission mode of the mobile device ~~and adopt~~to the second transmission mode to transmit the remaining part of the file on condition that the mobile device could establish a connection with the second mobile device in the second transmission mode.

~~15~~13. A system for transmitting files, comprising a mobile device according to any of claims ~~8~~ 7 to ~~14~~ 12 and a second mobile device; wherein

the second mobile device is configured to receive a file sent by the mobile device.

~~16~~14. A computer-readable storage medium, comprising one or more programs; wherein, the one or more programs are used by one or more processors to perform a method according to any of claims 1 to ~~7~~6.