CLAIMS

What is claimed is:

1. A method for connecting to a Wireless Fidelity Wi-Fi hotspot device, comprising:

extracting, by a first user equipment UE, Wi-Fi authentication information comprised in a two-dimensional barcode, the two-dimensional barcode being generated by the Wi-Fi hotspot device according to the Wi-Fi authentication information;

presenting prompt information, wherein the prompt information comprises a connect button, wherein the prompt information is used to instruct to connect to the Wi-Fi hotspot device;

completing, by the first UE, authentication with the Wi-Fi hotspot device according to the Wi-Fi authentication information based on input corresponding to the prompt information, and connecting to the Wi-Fi hotspot device.

2. The method according to claim 7, wherein the two-dimensional barcode is acquired by the second UE from a management application program that corresponds to the Wi-Fi hotspot device.

3. The method according to claim 2, wherein the management application program runs in the second UE.

4. The method according to any one of claims 1 to 3, wherein the Wi-Fi authentication information comprises at least one of the following items: a service set identifier SSID, an authentication mode, and an authentication password.

5. The method according to any one of claims 1 to 4, wherein the method further comprises: sharing, by the first UE, the two-dimensional barcode with a third UE, so that the third UE can connect to the Wi-Fi hotspot device.

6. The method according to any one of claims 1 to 5, wherein the method further comprising:

automatically enabling, by the first UE, the Wi-Fi function of the first UE before completing authentication with the Wi-Fi hotspot device and connecting to the Wi-Fi hotspot device if the Wi-Fi function of the first UE is not enabled.

7. The method according to claim 1, wherein the extracting, by the first user equipment UE, Wi-Fi authentication information comprised in a two-dimensional barcode comprises:

scanning, by the first UE, a two-dimensional barcode that is presented on a display screen of a second UE, and extracting Wi-Fi authentication information comprised in the two-dimensional barcode, wherein the two-dimensional barcode is acquired by the second UE from the Wi-Fi hotspot device.

8. User equipment, comprising:

an extracting unit, configured to extract Wi-Fi authentication information comprised in a

two-dimensional barcode, the two-dimensional barcode being generated by a Wi-Fi hotspot device according to the Wi-Fi authentication information;

a first unit used to present prompt information, wherein the prompt information comprises a connect button, wherein the prompt information is used to instruct to connect to the Wi-Fi hotspot device; and

a connecting unit, configured to complete authentication with a Wi-Fi hotspot device according to the Wi-Fi authentication information based on input corresponding to the prompt information, and connect to the Wi-Fi hotspot device.

9. The user equipment according to claim 12, wherein the two-dimensional barcode is acquired by the second UE from a management application program that corresponds to the Wi-Fi hotspot device.

10. The user equipment according to claim 9, wherein the management application program runs in the second UE.

11. The user equipment according to any one of claims 8 to 10, wherein the connecting unit is further configured to: automatically enable the Wi-Fi function of the user equipment before complete authentication with the Wi-Fi hotspot device and connect to the Wi-Fi hotspot device if the Wi-Fi function of the user equipment is not enabled.

12. The user equipment according to claim 8, wherein the extracting unit is specifically configured to scan a two-dimensional barcode that is presented on a display screen of a second user equipment UE, and extract Wi-Fi authentication information comprised in the two-dimensional barcode, wherein the two-dimensional barcode is acquired by the second UE from the Wi-Fi hotspot device.

13. User equipment, comprising: a memory configured to store instructions, and a processor coupled to the memory, wherein the processor is configured to execute the instructions to:

extract Wi-Fi authentication information comprised in a two-dimensional barcode, the two-dimensional barcode being generated by a Wi-Fi hotspot device according to the Wi-Fi authentication information;

present prompt information, wherein the prompt information comprises a connect button, wherein the prompt information is used to instruct to connect to the Wi-Fi hotspot device;

complete authentication with a Wi-Fi hotspot device according to the Wi-Fi authentication information based on input corresponding to the prompt information, and connect to the Wi-Fi hotspot device.

14. The user equipment according to claim 19, wherein the two-dimensional barcode is acquired by the second UE from a management application program that corresponds to the Wi-Fi

hotspot device.

15. The user equipment according to claim 14, wherein the management application program runs in the second UE.

16. The user equipment according to any one of claims 13 to 15, wherein the processor is further configured to execute the instructions to: share the two-dimensional barcode with a third UE, so that the third UE can connect to the Wi-Fi hotspot device.

17. The user equipment according to any one of claims 13to 16, wherein the Wi-Fi authentication information comprises at least one of the following items: a service set identifier SSID, an authentication mode, and an authentication password.

18. The user equipment according to any one of claims 13 to 17, wherein the processor is further configured to execute the instructions to: automatically enable the Wi-Fi function of the UE before complete authentication with the Wi-Fi hotspot device and connect to the Wi-Fi hotspot device if the Wi-Fi function of the UE is not enabled.

19. The user equipment according to claim 13, wherein the extract Wi-Fi authentication information comprised in a two-dimensional barcode comprises:

scan a two-dimensional barcode that is presented on a display screen of a second UE, and extract Wi-Fi authentication information comprised in the two-dimensional barcode, wherein the two-dimensional barcode is acquired by the second UE from the Wi-Fi hotspot device.

20. A computer program product comprising a non-transitory computer-readable medium storing computer executable instructions which cause one or more processors to execute a method according to any one of claims 1 to 7.