CLAIMS

1. A payment method, comprising:

obtaining, by a single terminal device, first image data comprising facial information;

obtaining, by the single terminal device, second image data comprising code information, the first image data and the second image data being captured by a single image capture device of the single terminal device, the first image data and the second image data being obtained in response to the first image data and the second image data being captured by the single image capture device of the single terminal device;

performing, by the single terminal device in response to obtaining the first image data, image recognition on the first image data to recognize the facial information of the first image data;

determining, by the single terminal device, a payment mode to be a facial payment mode based on recognizing the facial information of the first image data;

initiating, by the single terminal device, a payment process corresponding to the facial payment mode;

performing, by the single terminal device in response to obtaining the second image data, image recognition on the second image data to recognize the code information of the second image data; and

prior to completion of the payment process corresponding to the facial payment mode, in response to recognizing the code information of the second image data being subsequent to recognizing the facial information of the first image data, terminating, by the single terminal device, the payment process corresponding to the facial payment mode, and performing, by the single terminal device, a payment process corresponding to a code payment mode based on the code information of the second image data.

2. The payment method according to claim 1, further comprising:

matching, in response to recognizing the facial information in the first image data, the facial information in the first image data with a registration set, wherein the registration set comprises registration information of at least one user, and the registration information comprises a payment account and face sample data of the at least one user; and

initiating, in response to face sample data of a target user in the registration set matching the facial information in the first image data, a payment operation on a payment account of the target user in the registration set.

3. The payment method according to claim 1, further comprising:

in response to recognizing both the facial information in the first image data and the code information in the second image data at once, determining the payment mode in accordance with a preset rule.

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

in response to recognizing both the facial information in the first image data and the code information in the second image data at once, determining the payment mode to be the code payment mode.

5. The payment method according to claim 1, wherein before the obtaining first image data, the payment method further comprises:

obtaining, in response to a payment request operation, third image data;

performing image recognition on the third image data; and

calculating, in response to recognizing product barcode information in the third image data, a payment amount based on a price of a product corresponding to the product barcode information.

6. A terminal device for payment, comprising one or more processors and one or more non-transitory computer-readable memories coupled to the one or more processors and configured with instructions executable by the one or more processors to perform operations comprising:

obtaining, by a single terminal device, first image data comprising facial information;

obtaining, by the single terminal device, second image data comprising code information, the first image data and the second image data being captured by a single image capture device of the single terminal device, the first image data and the second image data being obtained in response to the first image data and the second image data being captured by the single image capture device of the single terminal device;

performing, by the single terminal device in response to obtaining the first image data, image recognition on the first image data to recognize the facial information of the first image data;

determining, by the single terminal device, a payment mode to be a facial payment mode based on recognizing the facial information of the first image data;

initiating, by the single terminal device, a payment process corresponding to the facial payment mode;

performing, by the single terminal device in response to obtaining the second image data, image recognition on the second image data to recognize the code information of the second image data; and

prior to completion of the payment process corresponding to the facial payment mode, in response to recognizing the code information of the second image data being subsequent to recognizing the facial information of the first image data, terminating, by the single terminal device, the payment process corresponding to the facial payment mode, and performing, by the single terminal device, a payment process corresponding to a code payment mode based on the code information of the second image data.

7. The terminal device according to claim 6, wherein the operations further comprise:

matching, in response to recognizing the facial information in the first image data, the facial information in the first image data with a registration set, wherein the registration set comprises registration information of at least one user, and the registration information comprises a payment account and face sample data of the at least one user; and

initiating, in response to the face sample data of a target user in the registration set matching the facial information in the first image data, a payment operation on a payment account of the target user in the registration set.

8. The terminal device according to claim 6, wherein the operations further comprise:

in response to recognizing both the facial information in the first image data and the code information in the second image data at once, determining the payment mode in accordance with a preset rule.

9. The terminal device according to claim 6, wherein the operations further comprise:

in response to recognizing both the facial information in the first image data and the code information in the second image data at once, determining the payment mode to be the code payment mode.

10. The terminal device according to claim 6, wherein before the obtaining first image data, the operations further comprise:

obtaining, in response to a payment request operation, third image data;

performing image recognition on the third image data; and

calculating, in response to recognizing product barcode information in the third image data, a payment amount based on a price of a product corresponding to the product barcode information.

11. One or more non-transitory computer-readable storage media, storing instructions executable by one or more processors to cause the one or more processors to perform operations comprising:

obtaining, by a single terminal device, first image data comprising facial information;

obtaining, by the single terminal device, second image data comprising code information, the first image data and the second image data being captured by a single image capture device of the single terminal device, the first image data and the second image data being obtained in response to the first image data and the second image data being captured by the single image capture device of the single terminal device;

performing, by the single terminal device in response to obtaining the first image data, image recognition on the first image data to recognize the facial information of the first image data;

determining, by the single terminal device, a payment mode to be a facial payment mode based on recognizing the facial information of the first image data;

initiating, by the single terminal device, a payment process corresponding to the facial payment mode;

performing, by the single terminal device in response to obtaining the second image data, image recognition on the second image data to recognize the code

information of the second image data; and

prior to completion of the payment process corresponding to the facial payment mode, in response to recognizing the code information of the second image data being subsequent to recognizing the facial information of the first image data, terminating, by the single terminal device, the payment process corresponding to the facial payment mode, and performing, by the single terminal device, a payment process corresponding to a code payment mode based on the code information of the second image data.

12. The one or more non-transitory computer-readable storage media according to claim 11, wherein the operations further comprise:

matching, in response to recognizing the facial information in the first image data, the facial information in the first image data with a registration set, wherein the registration set comprises registration information of at least one user, and the registration information comprises a payment account and face sample data of the at least one user; and

initiating, in response to the face sample data of a target user in the registration set matching the facial information in the first image data, a payment operation on a payment account of the target user in the registration set.

13. The one or more non-transitory computer-readable storage media according to claim 11, wherein the operations further comprise:

in response to recognizing both the facial information in the first image data and the code information in the second image data at once, determining the payment mode in accordance with a preset rule.

14. The one or more non-transitory computer-readable storage media according to claim 11, wherein the operations further comprise:

in response to recognizing both the facial information in the first image data and the code information in the second image data at once, determining the payment mode to be the code payment mode.

15. The payment method according to claim 1, wherein the code information includes a quick response (QR) code.

16. The payment method according to claim 1, wherein the first image data and the second image data are included in a video stream.

17. The terminal device according to claim 6, wherein the code information includes a quick response (QR) code.

18. The terminal device according to claim 6, wherein the first image data and the second image data are included in a video stream.

19. The one or more non-transitory computer-readable storage media according to claim 11, wherein the code information includes a quick response (QR) code.

20. The one or more non-transitory computer-readable storage media according to claim 11, wherein the first image data and the second image data are included in a video stream.