

acquiring the iris information of the registrant, it is difficult to efficiently register the biometric information because the face image of the registrant is captured, the identification card is read, and the iris image is captured. Further, in the system disclosed in PTL 1, since only iris information, which is a single piece of biometric information, is registered as the biometric information used in the authentication process, it is difficult to realize highly accurate biometric authentication.

[0005]

It is an example object of the present invention to provide an information processing system, an information processing method, and a storage medium that can efficiently register a plurality of pieces of biometric information capable of realizing highly accurate biometric authentication.

[Solution to Problem]

[0005a]

According to an aspect, the present disclosure refers to an information processing system comprising:

first registration means for registering a first biometric information acquired by a first terminal;

second registration means for registering information related to payment of a user in association with the first biometric information; and

acquisition means for acquiring a target biometric information by a second terminal different from the first terminal,

wherein the first registration means registers a second biometric information acquired by the second terminal when the target biometric information is acquired in association with the first biometric

information according to matching result of the target biometric information with the first biometric information,

the information processing system further comprising:

matching means for matching the acquired target biometric information with the registered first biometric information and the registered second biometric information; and

payment processing means for executing payment processing based on matching result by the matching means and the information related to the payment,

wherein the payment processing means restricts execution of the payment processing when the second biometric information is not registered.

[0005b]

According to an aspect, the present disclosure refers to an information processing method comprising:

registering a first biometric information acquired by a first terminal;

registering information related to payment of a user in association with the first biometric information;

acquiring a target biometric information by a second terminal different from the first terminal,

wherein the registering registers a second biometric information acquired by the second terminal when the target biometric information is acquired in association with the first biometric information according to matching result of the target biometric information with the first biometric information;

matching the acquired target biometric information with the registered first biometric information and the registered second biometric information; and

executing payment processing based on matching result by the matching means and the information

related to the payment,

wherein the payment processing is restricted when the second biometric information is not registered.

[0005c]

According to an aspect, the present disclosure refers to a storage medium storing a program that causes a computer to perform:

registering a first biometric information acquired by a first terminal;

registering information related to payment of a user in association with the first biometric information;

acquiring a target biometric information by a second terminal different from the first terminal,

wherein the registering registers a second biometric information acquired by the second terminal when the target biometric information is acquired in association with the first biometric information according to matching result of the target biometric information with the first biometric information;

matching the acquired target biometric information with the registered first biometric information and the registered second biometric information; and

executing payment processing based on matching result by the matching means and the information related to the payment,

wherein the payment processing is restricted when the second biometric information is not registered.

[0006]

According to one example of this disclosure, there is provided an information processing system including: a registration unit that registers a first biometric information acquired by a first terminal; and an acquisition unit that acquires a target biometric information to be matched with the first biometric information, wherein the registration unit registers a

second biometric information acquired by a second terminal different from the first terminal when the target biometric information is acquired in association with the first biometric information according to matching result of the target biometric information with the first biometric information.

[0007]

According to another example of this disclosure, there is provided an information processing method including: registering a first biometric information acquired by a first terminal; and acquiring a target

biometric information to be matched with the first biometric information, wherein the registering registers a second biometric information acquired by a second terminal different from the first terminal when the target biometric information is acquired in association with the first biometric information according to matching result of the target biometric information with the first biometric information.

[0008]

According to further another example of this disclosure, there is provided a storage medium storing a program that causes a computer to perform: registering a first biometric information acquired by a first terminal; and acquiring a target biometric information to be matched with the first biometric information, wherein the registering registers a second biometric information acquired by a second terminal different from the first terminal when the target biometric information is acquired in association with the first biometric information according to matching result of the target biometric information with the first biometric information.

[Advantageous Effects of Invention]

[0009]

According to this disclosure, it is possible to efficiently register a plurality of pieces of biometric information capable of realizing highly accurate biometric authentication.

[Brief Description of Drawings]

[0010]

[Fig. 1]

Fig. 1 is a schematic diagram illustrating an overall configuration of an information processing system according to a first example embodiment of this disclosure.

[Fig. 2]

Fig. 2 is a block diagram illustrating an example

[CLAIMS]

[Claim 1]

An information processing system comprising:

first registration means for registering a first biometric information acquired by a first terminal;

second registration means for registering information related to payment of a user in association with the first biometric information; and

acquisition means for acquiring a target biometric information by a second terminal different from the first terminal,

wherein the first registration means registers a second biometric information acquired by the second terminal when the target biometric information is acquired in association with the first biometric information according to matching result of the target biometric information with the first biometric information,

the information processing system further comprising:

matching means for matching the acquired target biometric information with the registered first biometric information and the registered second biometric information; and

payment processing means for executing payment processing based on matching result by the matching means and the information related to the payment,

wherein the payment processing means restricts execution of the payment processing when the second biometric information is not registered.

[Claim 2]

The information processing system according to claim 1,

wherein the second terminal acquires the target biometric information and the second biometric information.

[Claim 3]

The information processing system according to claim 2,

wherein the second terminal acquires the second biometric information in parallel with acquiring the target biometric information.

[Claim 4]

The information processing system according to any one of claims 1 to 3,

wherein the registration means registers a plurality of pieces of the first biometric information of a plurality of users, and registers the second biometric information in association with the first biometric information according to a matching result of the target biometric information with the plurality of pieces of the first biometric information.

[Claim 5]

The information processing system according to claim 4, wherein the registration means registers the second biometric information in association with the first biometric information according to a matching result of the target biometric information with a part of the plurality of pieces of the first biometric information.

[Claim 6]

The information processing system according to claim 5, wherein the part of the plurality of pieces of the first biometric information is narrowed down based on information associated with the first biometric information.

[Claim 7]

The information processing system according to claim 6, wherein the information associated with the first biometric information is transmitted from the first terminal to the registration means together with the first biometric information.

[Claim 8]

The information processing system according to any one of claims 1 to 7,

wherein the registration means registers a character string in association with the first biometric information, and registers the second biometric information in association with the first biometric information according to a matching result of the character string input to the second terminal with the registered character string.

[Claim 9]

The information processing system according to any one of claims 1 to 8,

wherein the first registration means is capable of registering an identification information of the user in

connection with the first biometric information, and

wherein, when the second biometric information is not registered, the payment means executes the payment processing when the identification information is input.

[Claim 10]

The information processing system according to any one of claims 1 to 9,

wherein, when the second biometric information is not registered, the payment means does not execute the payment processing.

[Claim 11]

An information processing method comprising:

registering a first biometric information acquired by a first terminal;

registering information related to payment of a user in association with the first biometric information;

acquiring a target biometric information by a second terminal different from the first terminal,

wherein the registering registers a second biometric information acquired by the second terminal when the target biometric information is acquired in association with the first biometric information according to matching result of the target biometric information with the first biometric information;

matching the acquired target biometric information with the registered first biometric information and the registered second biometric information; and

executing payment processing based on matching result by the matching means and the information related to the payment,

wherein the payment processing is restricted when the second biometric information is not registered.

[Claim 12]

A storage medium storing a program that causes a computer to perform:

registering a first biometric information acquired by a first terminal;

registering information related to payment of a user in association with the first biometric information;

acquiring a target biometric information by a second terminal different from the first terminal,

wherein the registering registers a second biometric information acquired by the second terminal when the target biometric information is acquired in association with the first biometric information according to matching result of the target biometric information with the first biometric information;

matching the acquired target biometric information with the registered first biometric information and the registered second biometric information; and

executing payment processing based on matching result by the matching means and the information related to the payment,

wherein the payment processing is restricted when the second biometric information is not registered.