procedure using the biometric authentication. That is, it is necessary to verify eligibility of the user who desires the boarding procedure using the biometric authentication, and the user who has not received issuance of the boarding pass is not qualified to use the boarding procedure using the biometric authentication.

[0006]

This present disclosure provides a management server, a token issuance method, and a storage medium that contribute to excluding users who are not qualified to use a boarding procedure system using biometric authentication.

[0007]

In one aspect, there is provided a management server including: a receiving means for receiving, from a terminal, a token issuance request including at least boarding pass information described on a boarding pass and passport information described in a passport; and a generation means for making a first determination regarding consistency between the boarding pass information and the passport information and generating a token with a valid period for a user to use a boarding procedure using biometric information based on a result of the first determination, the token associating a plurality of types of information included in operation information necessary for the boarding procedure, the plurality of types of information including the biometric information of the user and the boarding pass information.

[0008]

In another aspect, there is provided a token issuance method including: by a management server, receiving, from a terminal, a token issuance request including at least boarding pass information described on a boarding pass and passport information described in a passport; and making a first determination regarding consistency between the boarding pass information and the passport information and generating a token with a valid period for a user to use a boarding procedure using biometric information based on a result of the first determination, the token associating a plurality of types of information included in operation information necessary for the boarding procedure, the plurality of types of information including the biometric information of the user and the boarding pass information.

[0009]

In another aspect, there is provided a computer-readable storage medium storing a program for causing a computer mounted on a management server to execute: processing of receiving, from a terminal, a token issuance request including at least boarding pass information described on a boarding pass and passport information described in a passport; and processing of making a first determination regarding consistency between the boarding pass information and the passport information and generating a token with a valid period for a user to use a boarding procedure using biometric information based on a result of the first determination, the token associating a plurality of types of information included in operation information necessary for the boarding procedure, the plurality of types of information including the biometric information of the user and the boarding pass information.

[0010]

According to each example of the present disclosure, there is provided a management server, a token issuance method, and a storage medium that contribute to excluding users who are not qualified to use a

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[Document Name] CLAIMS

[Claim 1]

A management server comprising:

receiving means for receiving, from a terminal, a token issuance request including at least boarding pass information described on a boarding pass and passport information described in a passport; and

generation means for making a first determination regarding consistency between the boarding pass information and the passport information and generating a token with a valid period for a user to use a boarding procedure using biometric information based on a result of the first determination, the token associating a plurality of types of information included in operation information necessary for the boarding procedure, the plurality of types of information including the biometric information of the user and the boarding pass information.

[Claim 2]

The management server according to claim 1, wherein the generation means generates the token in a case where a person who is permitted to board an aircraft to which the boarding pass has been issued matches a person who has received issuance of the passport presented on the terminal.

[Claim 3]

The management server according to claim 1 or 2, wherein

the generation means transmits the boarding pass information included in the token issuance request to an airline server that stores passport information acquired at the time of reserving an airline ticket and reservation information of the airline ticket in association with each other, and receives the passport information relevant to the transmitted boarding pass information from the airline server, and

generates the token in a case where the passport information included in the token issuance request matches the passport information

received from the airline server.

[Claim 4]

The management server according to claim 3, wherein the generation means determines whether the passport information included in the token issuance request matches the passport information received from the airline server, using information different from a name.

[Claim 5]

The management server according to claim 3 or 4, wherein the generation means determines whether the passport information included in the token issuance request matches the passport information received from the airline server, based on a passport number and an issuing country.

[Claim 6]

The management server according to any one of claims 1 to 5, wherein the generation means makes a second determination regarding validity of the passport presented to the terminal, and generates the token based on results of the first and second determinations.

[Claim 7]

The management server according to claim 6, wherein the generation means makes the second determination regarding validity of the passport by determining whether a person who has presented the passport to the terminal and the person who has received issuance of the passport presented to the terminal are the same person.

[Claim 8]

The management server according to claim 6 or 7, wherein

the token issuance request includes biometric information of the user, and

the generation means makes the second determination by one-to-one collation using the biometric information included in the token issuance request and biometric information described in the passport.

[Claim 9]

A token issuance method comprising:

by a management server,

receiving, from a terminal, a token issuance request including at least boarding pass information described on a boarding pass and passport information described in a passport; and

making a first determination regarding consistency between the boarding pass information and the passport information and generating a token with a valid period for a user to use a boarding procedure using biometric information based on a result of the first determination, the token associating a plurality of types of information included in operation information necessary for the boarding procedure, the plurality of types of information including the biometric information of the user and the boarding pass information.

[Claim 10]

A computer-readable storage medium storing a program for causing a computer mounted on a management server to execute:

processing of receiving, from a terminal, a token issuance request including at least boarding pass information described on a boarding pass and passport information described in a passport; and

processing of making a first determination regarding consistency between the boarding pass information and the passport information and generating a token with a valid period for a user to use a boarding procedure using biometric information based on a result of the first determination, the token associating a plurality of types of information included in operation information necessary for the boarding procedure, the plurality of types of information including the biometric information of the user and the boarding pass information.