[CLAIMS]

[Claim 1]

An information processing apparatus comprising:

an acquisition means for acquiring first history information indicating that a procedure related to boarding of a passenger in an airport was performed with biometric authentication and second history information indicating that the procedure was performed with reading of a medium; and

an output means for outputting usage status of the biometric authentication in the procedure based on the first history information and the second history information.

[Claim 2]

The information processing apparatus according to claim 1 further comprising an issuance means for issuing a token ID corresponding to registered biometric information on the passenger used for the biometric authentication,

wherein the first history information includes information on a procedure area in which the registered biometric information was registered and the token ID, and

wherein the output means outputs the number of registrations of the registered biometric information for each procedure area.

[Claim 3]

The information processing apparatus according to claim 2,

wherein the first history information includes attribute information on the passenger, and

wherein the output means outputs the number of registrations for each attribute information.

[Claim 4]

The information processing apparatus according to claim 2 or 3, wherein the output means outputs a usage rate of the biometric authentication in the procedure area based on a ratio of the first history information and the second history information for each procedure area.

[Claim 5]

The information processing apparatus according to any one of claims 2 to 4, wherein based on the token ID, the output means detects, out of a plurality of procedure areas, the procedure area for which the first history information on the same passenger is absent.

[Claim 6]

The information processing apparatus according to any one of claims 1 to 5,

wherein the first history information includes terminal IDs of terminals used in the biometric authentication and process results of the biometric authentication, and

wherein the output means aggregates and outputs the process results for each of the terminal IDs.

[Claim 7]

The information processing apparatus according to claim 6, wherein based on the process results for each of the terminal IDs, the output means detects a terminal in which an authentication success rate is less than a predetermined threshold.

[Claim 8]

The information processing apparatus according to claim 6 or 7,

wherein the first history information further

includes information on arrangement places of the terminals in the airport, and

wherein the output means aggregates and outputs the process results for each of the arrangement places.

[Claim 9]

The information processing apparatus according to claim 8, wherein the output means outputs information on an arrangement place in which average authentication accuracy obtained by averaging authentication accuracy of the biometric authentication for each of the arrangement places is less than a predetermined threshold.

[Claim 10]

The information processing apparatus according to any one of claims 6 to 9 further comprising a prediction means for outputting a predicted processing time in the procedure based on a learning model in which a relationship of the number of passengers in a predetermined period, the number of installations of terminals, and a required time for the procedure is learned in advance.

[Claim 11]

The information processing apparatus according to claim 10, wherein the prediction means outputs information to facilitate a change of the number of installations when the predicted processing time exceeds a predetermined threshold.

[Claim 12]

The information processing apparatus according to any one of claims 1 to 11, wherein the output means outputs different types of statistics analysis results based on the first history information and the second history information in a dashboard form.

[Claim 13]

An information processing method comprising:

acquiring first history information indicating that a procedure related to boarding of a passenger in an airport was performed with biometric authentication and second history information indicating that the procedure was performed with reading of a medium; and

outputting usage status of the biometric authentication in the procedure based on the first history information and the second history information.

[Claim 14]

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

acquiring first history information indicating that a procedure related to boarding of a passenger in an airport was performed with biometric authentication and second history information indicating that the procedure was performed with reading of a medium; and

outputting usage status of the biometric authentication in the procedure based on the first history information and the second history information.