and the work status or the like of the employee or the like (for example, Patent Document 2).

[0003]

Patent Document 1: Japanese Unexamined Patent Application, Publication No.2001-312583

Patent Document 2: Japanese Unexamined Patent Application, Publication No.2003-256578

SUMMARY

[0004]

However, with only conventional technology including the technology disclosed in Patent Documents 1 and 2, each piece of information is often collected in an individual system, and a viewer who desires to view information about an employee or the like has to individually check the information in the individual system. Therefore, information is not sufficiently shared among users such as employees.

[0005]

In response to the above issue, it is an object of the present invention to enable a user to easily participate in or leave a place when the user participates in or leaves the place.

[0006]

To achieve the above object, an information processing device according to a first aspect of the present disclosure

includes:

a place management portion configured to manage, with respect to a place in which a plurality of users each operating a terminal can participate as participants, information of the participants of the place, such management being performed for each of a plurality of places so that check-in indicating a user's participation in a place and check-out indicating withdrawing of the user's participation in the place each are determined independently of another place;

a check-in portion configured to register a first user as a participant of the predetermined place when a first terminal operated by the first user issues a check-in instruction indicating participation in a predetermined place of the plurality of places;

a check-out portion configured to deregister the first user as the participant of the predetermined place when the first terminal of the first user registered as the participant of the predetermined place issues a check-out instruction indicating withdrawing of the participation in the predetermined place;

an information sharing portion configured to define, as shared information, at least part of information of the first user registered as the participant of the predetermined place among information managed by the place management portion, and to notify a second terminal operated by a second user registered as a participant of the predetermined place of the shared information, or execute control related to permission of

access to the shared information from the second terminal; and

a predetermined processing execution portion configured to execute predetermined processing related to the first user based on the shared information,

wherein each of the check-in portion, the check-out portion, the information sharing portion, and the predetermined processing execution portion executes processing for the first user when the predetermined place is a first place, the second user is a user 2-1, and the second terminal is a terminal 2-1, independently of a status of processing for the first user when the predetermined place is a second place, the second user is a user 2-2, and the second terminal is a terminal 2-2.

By automatically checking in to a place in which a user participates in his/her day's activities by an operation on his/her terminal or an

instruction from the terminal, information suitable for the place can be shared with other users. An information processing method and a program corresponding to the above information processing device according to the aspect of the present invention are also provided as an information processing method according to an aspect of the present invention and a program according to an aspect of the present invention.

[0006a]

An information processing method executable by an information processing device according to a second aspect of the present disclosure includes:

a place management step comprising managing, with respect to a place in which a plurality of users each operating a terminal can participate as participants, information of the participants of the place, such management being performed for each of a plurality of places so that check-in indicating a user's participation in a place and check-out indicating withdrawing of the user's participation in the place each are determined independently of another place;

a check-in step comprising registering a first user as a participant of the predetermined place, when a first terminal operated by the first user issues a check-in instruction indicating participation in a predetermined place of the plurality of places;

a check-out step comprising deregistering the first user as the participant of the predetermined place when the first

terminal of the first user registered as the participant of the predetermined place issues a check-out instruction indicating withdrawing of the participation in the predetermined place;

an information sharing step comprising defining, as shared information, at least part of information of the first user registered as the participant of the predetermined place among information managed by processing of the place management step, and notifying a second terminal operated by a second user registered as a participant of the predetermined place of the shared information, or executing control related to permission of access to the shared information from the second terminal; and a predetermined processing execution step comprising executing predetermined processing related to the first user based on the shared information,

wherein the information processing device executes, in each of the check-in step, the check-out step, the information sharing step, and the predetermined processing execution step, processing for the first user when the predetermined place is a first place, the second user is a user 2-1, and the second terminal is a terminal 2-1, independently of a status of processing for the first user when the predetermined place is a second place, the second user is a user 2-2, and the second terminal is a terminal 2-2.

[0006b]

A program for causing a computer to execute control processing according to a third aspect of the present

disclosure includes:

a place management step comprising managing, with respect to a place in which a plurality of users each operating a terminal can participate as participants, information of the participants of the place, such management being performed for each of a plurality of places so that check-in indicating a user's participation in a place and check-out indicating withdrawing of the user's participation in the place each are determined independently of another place;

a check-in step comprising registering a first user as a participant of the predetermined place, when a first terminal operated by the first user issues a check-in instruction indicating participation in a predetermined place of the plurality of places;

a check-out step comprising deregistering the first user as the participant of the predetermined place when the first terminal of the first user registered as the participant of the predetermined place issues a check-out instruction indicating withdrawing of the participation in the place;

an information sharing step comprising defining, as shared information, at least part of information of the first user registered as the participant of the predetermined place among information managed by processing of the place management step, and notifying a second terminal operated by a second user registered as a participant of the predetermined place of the shared information, or executing control related to permission of access to the shared information from the second

terminal; and a predetermined processing execution step comprising executing predetermined processing related to the first user based on the shared information,

wherein the computer executes, in each of the check-in step, the check-out step, the information sharing step, and the predetermined processing execution step, processing for the first user when the predetermined place is a first place, the second user is a user 2-1, and the second terminal is a terminal 2-1, independently of a status of processing for the first user when the predetermined place is a second place, the second user is a user 2-2, and the second terminal is a terminal 2-2.

[0007]

An information processing system according to a fourth aspect of the present disclosure includes:

a plurality of terminals respectively operated by a plurality of users, and a server.

The server includes:

a place management portion configured to manage, with respect to a place in which the plurality of users can participate as participants, information of the participants of the place, such management being performed for each of a plurality of places so that check-in indicating a user's participation in a place and check-out indicating withdrawing of the user's participation in the place each are determined independently of another place;

a check-in portion configured to register,

when a first terminal operated by a first user issues a check-in instruction indicating participation in a predetermined place of the plurality of places, the first user as a participant of the predetermined place;

a check-out portion configured to deregister the first user as the participant of the predetermined place when the first terminal of the first user registered as the participant of the predetermined place issues a check-out instruction indicating withdrawing of the participation in the place; and

an information sharing portion configured to define, as shared information, at least part of information of the first user registered as the participant of the predetermined place among information managed by the place management portion, and to notify a second terminal operated by a second user registered as a participant of the predetermined place of the shared information, or execute control related to permission of access to the shared information from the second terminal; and

wherein each of the check-in portion, the check-out portion, the information sharing portion, and the predetermined processing execution portion executes processing for the first user when the predetermined place is a first place, the second user is a user 2-1, and the second terminal is a terminal 2-1, independently of a status of processing for the first user when the predetermined place is a second place, the second user is a user 2-2, and the second terminal is a terminal 2-2.

Each of the plurality of terminals of the plurality of users includes:

a check-in notification portion configured to receive a predetermined first trigger as an instruction to check in to the predetermined place and notify the server of such;

a check-out notification portion configured to receive a predetermined second trigger as an instruction to check out from the predetermined place and notify the server of such; and

a shared information acquisition portion configured to

acquire, when shared information related to another user registered as a participant of the predetermined place is notified from the server, or when access to the shared information is requested to the server and the server permits the access, the shared information related to the other user. When a user participates in or leaves a place, by assisting the check-in or check-out of the place in this manner, part of the user's information is shared or unshared with other users, so that the user can easily participate in or leave the place.

[0008]

According to the present disclosure, a user can easily participate in or leave a place when the user participates in or leaves the place.

BRIEF DESCRIPTION OF THE DRAWINGS

[0009]

FIG. 1 shows functions provided by an information processing system including a server according to an embodiment of an information processing device of the present invention;

FIG. 2 is a block diagram showing the configuration of the information processing system including the server according to the embodiment of the information processing device of the present invention;

FIG. 3 is a block diagram showing an example of the hardware configuration of the server in the information processing system shown in FIG. 2;

FIG. 4 is a functional block diagram showing an example of the functional configuration of the server of the information processing system of FIG. 2;

FIG. 5 is a flowchart showing the operation of the server of the information processing system according to the embodiment;

FIG. 6 shows an example of a scene of arriving at an office among scenes occurring in one day’s activities of a user;

FIG. 7 shows an example of a scene of having an online meeting

CLAIMS

1. An information processing device, comprising:

a place management portion configured to manage, with respect to a place in which a plurality of users each operating a terminal can participate as participants, information of the participants of the place, such management being performed for each of a plurality of places so that check-in indicating a user's participation in a place and check-out indicating withdrawing of the user's participation in the place each are determined independently of another place;

a check-in portion configured to register a first user as a participant of the predetermined place, when a first terminal operated by the first user issues a check-in instruction indicating participation in a predetermined place of the plurality of places;

a check-out portion configured to deregister the first user as the participant of the predetermined place when the first terminal of the first user registered as the participant of the predetermined place issues a check-out instruction indicating withdrawing of the participation in the place;

an information sharing portion configured to define, as shared information, at least part of information of the first user registered as the participant of the predetermined place among information managed by the place management portion, and to notify a second terminal operated by a second user

registered as a participant of the predetermined place of the shared information, or execute control related to permission of access to the shared information from the second terminal; and

a predetermined processing execution portion configured to execute predetermined processing related to the first user based on the shared information,

wherein each of the check-in portion, the check-out portion, the information sharing portion, and the predetermined processing execution portion executes processing for the first user when the predetermined place is a first place, the second user is a user 2-1, and the second terminal is a terminal 2-1, independently of a status of processing for the first user when the predetermined place is a second place, the second user is a user 2-2, and the second terminal is a terminal 2-2.

2. The information processing device according to claim 1, wherein

the predetermined processing execution portion comprises a place processing execution portion configured to execute, as the predetermined processing, processing of generating information that helps the first and second users to act in the same predetermined place during the same period of time, based on the shared information.

3. The information processing device according to claim 1,

wherein

the predetermined processing execution portion comprises a notification processing portion configured to execute, as the predetermined processing, processing of notifying the second terminal of another place recommended by the first user, based on the shared information.

4. The information processing device according to claim 1, wherein

the predetermined processing execution portion comprises a mobile service linking portion configured to execute the predetermined processing based on the shared information and information exchanged by linking with a predetermined mobile service.

5. The information processing device according to claim 1,

wherein the predetermined place is a place in which the first user works, and

wherein the predetermined processing execution portion comprises an attendance management portion configured to execute, as the predetermined processing, processing related to attendance management of the first user based on the shared information and information exchanged by linking with a work management system.

6. The information processing device according to claim 1,

wherein the predetermined place is a place to eat and

drink among places in which the first user works, and

wherein the predetermined processing execution portion comprises a payment processing execution portion configured to execute, as the predetermined processing, payment processing related to eating and drinking of the first user at the place to eat and drink, based on the shared information and information exchanged by linking with a work management system.

7. The information processing device according to claim 1,

wherein the predetermined place is a place provided by welfare of a workplace of the first user, and

wherein the predetermined processing execution portion comprises

a welfare processing execution portion configured to execute, as the predetermined processing, processing related to at least one of welfare or health promotion of the first user based on the shared information and information exchanged by linking with a welfare service management system.

8. The information processing device according to claim 1,

further comprising a context information acquisition portion configured to acquire context information of the first user from the first terminal or another device when the first terminal operated by the first user issues the check-in instruction indicating the participation in the predetermined place,

wherein the predetermined processing execution portion comprises a history information presentation portion configured to execute, as the predetermined processing, processing of generating history information for managing history of the first user based on the shared information and the context information and presenting the history information to a predetermined person.

9. An information processing method executable by an information processing device, the method comprising:

a place management step comprising managing, with respect to a place in which a plurality of users each operating a terminal can participate as participants, information of the participants of the place, such management being performed for each of a plurality of places so that check-in indicating a user's participation in a place and check-out indicating withdrawing of the user's participation in the place each are determined independently of another place;

a check-in step comprising registering a first user as a participant of the predetermined place when a first terminal operated by the first user issues a check-in instruction indicating participation in a predetermined place of the plurality of places;

a check-out step comprising deregistering the first user as the participant of the predetermined place when the first terminal of the first user registered as the participant of the predetermined place issues a check-out instruction

indicating withdrawing of the participation in the place;

an information sharing step comprising defining, as shared information, at least part of information of the first user registered as the participant of the predetermined place among information managed by processing of the place management step, and notifying a second terminal operated by a second user registered as a participant of the predetermined place of the shared information, or executing control related to permission of access to the shared information from the second terminal; and a predetermined processing execution step comprising executing predetermined processing related to the first user based on the shared information,

wherein the information processing device executes, in each of the check-in step, the check-out step, the information sharing step, and the predetermined processing execution step, processing for the first user when the predetermined place is a first place, the second user is a user 2-1, and the second terminal is a terminal 2-1, independently of a status of processing for the first user when the predetermined place is a second place, the second user is a user 2-2, and the second terminal is a terminal 2-2.

10. A program for causing a computer to execute control processing comprising:

a place management step comprising managing, with respect to a place in which a plurality of users each operating a terminal can participate as participants, information of the

participants of the place, such management being performed for each of a plurality of places so that check-in indicating a user's participation in a place and check-out indicating withdrawing of the user's participation in the place each are determined independently of another place;

a check-in step comprising registering a first user as a participant of the predetermined place when a first terminal operated by the first user issues a check-in instruction indicating participation in a predetermined place of the plurality of places;

a check-out step comprising deregistering the first user as the participant of the predetermined place when the first terminal of the first user registered as the participant of the predetermined place issues a check-out instruction indicating withdrawing of the participation in the place;

an information sharing step comprising defining, as shared information, at least part of information of the first user registered as the participant of the predetermined place among information managed by processing of the place management step, and notifying a second terminal operated by a second user registered as a participant of the predetermined place of the shared information, or executing control related to permission of access to the shared information from the second terminal; and a predetermined processing execution step comprising executing predetermined processing related to the first user based on the shared information,

wherein the computer executes, in each of the check-in

step, the check-out step, the information sharing step, and the predetermined processing execution step, processing for the first user when the predetermined place is a first place, the second user is a user 2-1, and the second terminal is a terminal 2-1, independently of a status of processing for the first user when the predetermined place is a second place, the second user is a user 2-2, and the second terminal is a terminal 2-2.

11. An information processing system comprising a plurality of terminals respectively operated by a plurality of users, and a server,

the server comprising:

a place management portion configured to manage, with respect to a place in which the plurality of users can participate as participants, information of the participants of the place, such management being performed for each of a plurality of places so that check-in indicating a user's participation in a place and check-out indicating withdrawing of the user's participation in the place each are determined independently of another place;

a check-in portion configured to register, when a first terminal operated by the first user issues a check-in instruction indicating participation in a predetermined place of the plurality of places, the first user as a participant of the predetermined place;

a check-out portion configured to deregister the first

user as the participant of the predetermined place when the first terminal of the first user registered as the participant of the predetermined place issues a check-out instruction indicating withdrawing of the participation in the predetermined place; and

an information sharing portion configured to define, as shared information, at least part of information of the first user registered as the participant of the predetermined place among information managed by the place management portion, and to notify a second terminal operated by a second user registered as a participant of the predetermined place of the shared information, or execute control related to permission of access to the shared information from the second terminal; and

wherein each of the check-in portion, the check-out portion, the information sharing portion, and the predetermined processing execution portion executes processing for the first user when the predetermined place is a first place, the second user is a user 2-1, and the second terminal is a terminal 2-1, independently of a status of processing for the first user when the predetermined place is a second place, the second user is a user 2-2, and the second terminal is a terminal 2-2,

each of the plurality of terminals of the plurality of users comprising:

a check-in notification portion configured to receive a predetermined first trigger as an instruction to check in to

the predetermined place and notify the server of such;

a check-out notification portion configured to receive a predetermined second trigger as an instruction to check out from the predetermined place and notify the server of such; and

a shared information acquisition portion configured to acquire, when shared information related to another user registered as a participant of the predetermined place is notified from the server, or when access to the shared information is requested to the server and the server permits the access, the shared information related to the other user.