

malfunction of devices, and other defects in sanitary management or the like of the facility.

[0006] However, since the plant facility includes a large number of devices, pipes, etc. and a large number of
5 inspection items are set for the devices, an enormous amount of time is required for the inspection processing of the plant. During the inspection processing, the plant facility cannot be operated. In addition, there is a problem in that the inspection processing needs to be performed by both the
10 construction company and the owner company and a considerable amount of time is required.

[0007] The inventor of the technique of the present disclosure has found that it is possible to shorten the operation stop period of the plant facility while securing the
15 quality of the inspection processing by visualizing the progress state and the delay state of the inspection work and making it possible to easily confirm necessary information such as work items.

[0008] With respect to such problems, the configurations
20 disclosed in Patent Literatures 1 to 5 cannot solve the problems.

[0009] Thus, it is an object of the technique of the present disclosure to make it possible to easily grasp a stage, a degree of progress, and the like of an inspection
25 work on the basis of the above problem and the above findings, thereby speeding up the inspection work and ensuring safety by making the inspection items to be complied with.

Summary

30 [0009a] In an aspect, the present disclosure refers to a work management method by a plurality of administrators, wherein a computer executes processes comprising:

a process of acquiring a device information of a device and an identification information of a first administrator and a second administrator who access a code information set in the device which is a work target;

5 a process of reading a work information associated with the device information;

a process of acquiring, from a terminal device of the first administrator, a confirmation information indicating whether or not a work of the first administrator is suitable
10 for a work item included in the work information, generating a progress information of the work item and a notification information for the second administrator in a case where the confirmation information indicates a confirmation result of
15 administrator indicating that a duty of work has shifted to the second administrator;

a process of transmitting, to a terminal device of the second administrator, the notification information indicating that the duty of work has shifted, generating a management
20 screen including the notification information for the second administrator and the progress information, and displaying an elapsed time which has elapsed since the duty of work shifts to the second administrator on the management screen;

a process of acquiring, from the terminal device of the
25 second administrator, a confirmation information indicating whether or not a work of the second administrator is suitable for the work item, and updating a work process for a next work item included in the work information and generating a notification information for the first administrator
30 indicating that the duty of work has shifted to the first administrator in a case where the confirmation information indicates a confirmation result of being suitable;

a process of updating the progress information of a work with the confirmation information of the first administrator

and the second administrator; and

a process of generating the management screen which is updated based on the notification information for the first administrator, the notification information for the second administrator, and the progress information.

[0009b] In an aspect, the present disclosure refers to a work management system comprising:

a device that is a work target;

terminal devices that are used by a first administrator and a second administrator who monitor a work progress;

a database that stores a device information set in the device, a work information associated with the device information, and an identification information of the first administrator and the second administrator; and

a server that accesses the terminal devices or the database, reads the device information and the work information, generates a progress information of a work item included in the work information and a notification information for the second administrator, the notification information for the second administrator indicating that a duty of work has shifted to the second administrator, in a case where a confirmation information, which is acquired from the terminal device of the first administrator and indicates whether or not a work of the first administrator is suitable for the work item, indicates a confirmation result of being suitable based on the confirmation information, transmits, to the terminal device of the second administrator, the notification information indicating that the duty of work has shifted , generates a management screen including the notification information for the second administrator and the progress information, displays an elapsed time which has elapsed since the duty of work shifts to the second administrator on the management screen, acquires, from the terminal device of the second administrator, a confirmation

information indicating whether or not a work of the second administrator is suitable for the work item, updates a work process for a next work item included in the work information while generating a notification information for the first administrator indicating that the duty of work has shifted to the first administrator in a case where the confirmation information indicates a confirmation result of being suitable, updates the progress information of a work with the confirmation information of the first administrator and the second administrator, and generates the management screen which is updated based on the notification information for the first administrator, the notification information for the second administrator, and the progress information.

[0009c] In an aspect, the present disclosure refers to a work management program for causing a computer to realize:

a function of reading a device information and an identification information of a first administrator and a second administrator who access a code information set in a device which is a work target;

a function of reading a work information associated with the device information;

a function of acquiring, from a terminal device of the first administrator, a confirmation information indicating whether or not a work of the first administrator is suitable for a work item included in the work information, generating a progress information of the work item and a notification information for the second administrator in a case where the confirmation information indicates a confirmation result of being suitable, the notification information for the second administrator indicating that a duty of work has shifted to the second administrator;

a function of transmitting, to a terminal device of the second administrator, the notification information indicating that the duty of work has shifted, generating a management

screen including the notification information for the second administrator and the progress information, and displaying an elapsed time which has elapsed since the duty of work shifts to the second administrator on the management screen;

5 a function of acquiring, from the terminal device of the second administrator, a confirmation information indicating whether or not a work of the second administrator is suitable for the work item, and updating a work process for a next work item included in the work information and generating a
10 notification information for the first administrator indicating that the duty of work has shifted to the first administrator in a case where the confirmation information indicates a confirmation result of being suitable;

 a function of updating the progress information of a work
15 with the confirmation information of the first administrator and the second administrator; and

 a function of generating the management screen which is updated based on the notification information for the first administrator, the notification information for the second
20 administrator, and the progress information.

[0010] To achieve the above-described object, one example of a work management method of the present disclosure is a work management method by a plurality of administrators, wherein a computer executes processes including: a process of
25 acquiring a device information of a device and an

classified; and a process of notifying the first administrator and the second administrator of the scheduled deadline.

[0015] The above-described work management method further includes: a process of accessing a database which manages the identification information and authenticating the identification information which is acquired based on a registration information registered in the database; and a process of regulating an access from an administrator who is not authenticated based on an authentication result.

[0016] To achieve the above-described object, one example of a work management system of the present disclosure includes: a device that is a work target; terminal devices that are used by a first administrator and a second administrator who monitor a work progress; a database that stores a device information set in the device, a work information associated with the device information, and an identification information of the first administrator and the second administrator; and a server that accesses the terminal devices or the database, reads the device information and the work information, generates a progress information of a work item included in the work information and a notification information for the second administrator, the notification information for the second administrator indicating that a duty of work has shifted to the second administrator, in a case where a confirmation information, which is acquired from the terminal device of the first administrator and indicates whether or not a work of the first administrator is suitable for the work item, indicates a confirmation result of being suitable based on the confirmation information, transmits, to the terminal device of the second administrator, the notification information indicating that the duty of work has shifted, generates a management screen including the notification information for the second administrator and the progress information, displays an elapsed time which has

elapsed since the duty of work shifts to the second administrator on the management screen, acquires, from the terminal device of the second administrator, a confirmation information indicating whether or not a work of the second administrator is suitable for the work item, updates a work process for a next work item included in the work information while generating a notification information for the first administrator indicating that the duty of work has shifted to the first administrator in a case where the confirmation information indicates a confirmation result of being suitable, updates the progress information of a work with the confirmation information of the first administrator and the second administrator, and generates the management screen which is updated based on the notification information for the first administrator, the notification information for the second administrator, and the progress information.

[0017] To achieve the above-described object, one example of a work management program of the present disclosure causes a computer to realize: a function of reading a device information and an identification information of a first administrator and a second administrator who access a code information set in a device which is a work target; a function of reading a work information associated with the device information; a function of acquiring, from a terminal device of the first administrator, a confirmation information indicating whether or not a work of the first administrator is suitable for a work item included in the work information, generating a progress information of the work item and a notification information for the second administrator in a case where the confirmation information indicates a confirmation result of being suitable, the notification information for the second administrator indicating that a duty of work has shifted to the second administrator; a function of transmitting, to a terminal device of the second