(54) [Title of the Invention] INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING DEVICE, INFORMATION PROVIDING DEVICE, PROGRAMS FOR IMPLEMENTING THESE DEVICES, AND STORAGE MEDIUM STORING THESE PROGRAMS IN COMPUTER-READABLE MANNER

(57) [Abstract]

[Problem to be Solved]

To enable an information providing device that manages data without the need for engaging a special manager, and receives orders for data processing to grasp a shutdown status of an information processing device that executes data processing and act according to the shutdown status.

[Solution]

An information providing device determines a shutdown status of an information processing device on a regular basis, and presents a screen according to the determined shutdown status on a user terminal that places an order for data processing.

[Selected Drawing] Figure 1

[Claims for the Patent]

[Claim 1]

An information providing device comprising:

a determination means for determining an operating status of an information processing device capable of communicating via a network;

a storage medium that stores operation management information based on the operating status determined by the determination means; and

a transmission means for transmitting the operation management information stored in the storage medium to a second information processing device different from the information processing device.

[Claim 2]

The information providing device according to claim 1, comprising a retention means for retaining data,

wherein the determination means performs the determination about an information processing device capable of communicating with a printing device that prints the data retained by the retention means.

[Claim 3]

The information providing device according to claim 1, comprising a second storage medium that stores a table for managing the operating status of the information processing device,

wherein the determination means determines the operating status of the information processing device based on the table stored in the storage medium.

[Claim 4]

The information providing device according to claim 3, wherein the table stored in the storage medium is set based on information showing an operation schedule notified by the information processing device.

[Claim 5]

The information providing device according to claim 1, comprising:

a transmission means for transmitting a request to the information processing device; and

a detection means for detecting a response from the information processing device to the request transmitted by the transmission means,

wherein the determination means determines the operating status of the information processing device according to whether the response has been detected by the detection means.

[Claim 6]

The information providing device according to claim 5, comprising a counting means for counting a number of times no response has been detected by the detection means consecutively,

wherein, when the number of times counted by the counting means reaches a predetermined number of times, the determination means determines that the information processing device is shut down.

[Claim 7]

The information providing device according to claim 1,

wherein the determination means performs the determination for a plurality of the information processing devices, and

the storage medium stores the operation management information for displaying, on a browser, such a selection screen that allows the information processing device to be selected according to the operating status determined by the determination means.

[Claim 8]

The information providing device according to claim 7, comprising:

a reception means for receiving input information related to the selected information processing device that is input according to the selection screen; and

a transfer means for transferring the input information to the selected information processing device according to the operating status of the selected information processing device determined by the determination means,

wherein, when the reception means receives the input information, the determination means determines the operating status of the selected information processing device.

[Claim 9]

The information providing device according to claim 1, comprising a second storage medium that stores data,

wherein the storage medium stores request information for requesting the information processing device to process the data stored in the second storage medium, and

the transmission means transmits the request information to the second information processing device.

[Claim 10]

The information providing device according to claim 1, wherein the determination means performs the determination on a regular basis.

[Claim 11]

An information providing device comprising:

a reception means for receiving operation management information transmitted via a network from a first information providing device that monitors an operating status of a second information processing device;

a display means for displaying a screen showing the operating status of the second information processing device based on the operation management information received by the reception means; and

an indicating operation means that is operated when indicating a predetermined position in the operation management information to select the

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