

Claims

What we claimed is

1. A personal data control application (100) to be operated on a computer for accessing
5 one or more personal data application files (110),
 wherein each personal data application file (110) is a data set to be edited and operated
by the personal data control application (100),
 wherein each personal data application file (110) includes an open secret code for opening
that application file by the computer program and a close secret code for closing that
10 personal data application file (110) normally by the computer program,
 wherein the computer program comprises instructions which, when the program is
executed by the computer, cause the computer to carry out:
 a step of receiving a first input code;
 a step of opening an personal data application file (110) of the one or more personal data
15 application files (110) under the condition that the first input code is matched with the
open secret code in the personal data application file (110);
 a step of operating and editing the opened personal data application file (110) based on
an input from a user via the personal data control application (100) after the step of
opening the personal data application file (110) from other computer resource via a
20 network; and;
 a step of receiving a second input code after the step of operating and editing the opened
personal data application file (110); and
 a step of closing the personal data application file (110) as normally under the condition
that the second input code is matched with the close secret code in the personal data
25 application file (110),
 wherein the step of closing the personal data application file (110) includes a step of
saving and edited data and operation content of the personal data application file (110)
under the condition that the input code is matched with the close secret code.
- 30 2. The personal data control application (100) according to claim 1,
 wherein the personal data application file (110) includes an editing start secret code for
permitting the data editing operation from the other computer resource via the network;
 the application file edit program module requests an input of the editing start secret
code when the data editing operation for the personal data application file is requested to
35 start.

3. The personal data control application (100) according to claim 1,
wherein the personal data application file (110) includes an editing start secret code for
permitting the data editing operation for the personal data application file (110) from the
5 other computer resource via the network, and an editing end secret code for settling and
finishing the data editing operation for the personal data application file (110) by the other
computer resource via the network;
the application file edit program module requests an input of the editing start secret
code when the data editing operation for the personal data application file (110) is
10 requested to start, and requests an input of the editing end secret code when the data
editing operation for the personal data application file (110) is requested to finish.
4. The personal data control application (100) according to claim 1, wherein the open
secret code and the close secret code are registered biometric information of a holder of
15 the personal data.
5. The personal data control application (100) according to claim 2, wherein the open
secret code and the close secret code are registered biometric information of a holder of
the personal data, and the editing start secret code is the registered biometric information
20 of the person using the other computer resource via the network.
6. The personal data control application (100) according to claim 3, wherein the open
secret code and the close secret code are registered biometric information of a holder of
the personal data, and the editing start secret code and the editing end secret code are
25 the registered biometric information of the person using the other computer resource via
the network.
7. The personal data control application (100) according to any one of claims 1 to 6,
wherein the personal data application file (110) is stored in a server on a network;
30 wherein the application file open program module and the application file close program
module are configured to be installed in a smart phone held by the person who is the
holder of the personal data or can be available as the application service provider system
managed in the server;
wherein the application file editing program module is configured to be installed in the
35 other computer resource held by the person using the other computer resource via the

network or can be available as the application service provider system managed in the server.

8. The personal data control application (100) according to any one of claims 1 to 6,

5 wherein the personal data application file (110) is stored and controlled in a cloud system on the network;

wherein the application file open program module and the application file close program module are configured to be installed in a smart phone held by the person who is the holder of the personal data or can be available as the application service provider system
10 managed in the cloud system;

wherein the application file editing program module is configured to be installed in the other computer resource held by the person using the other computer resource via the network or can be available as the application service provider system managed in the cloud system.

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9. The personal data control application (100) according to any one of claims 1 to 8,

wherein the personal data application file (110) is controlled in individual folders in individual units;

each personal folder available in the personal data application which each personal
20 folder includes a personal folder open secret code for opening each personal folder by the personal data application and a personal folder close secret code for closing each personal folder normally by the application.

10. The personal data control application (100) according to any one of claims 1 to 9,

25 wherein the personal data application file (110) is an electronic administration-related file indicating the content of the administration record information or the qualification information of the user individual, the personal data application is an electronic administration service application, the editing person is an administration person who edits the electronic administration-related file, and the other computer resource is an
30 electronic administration-related file management system used by the administration person.

11. The personal data control application (100) according to any one of claims 1 to 9,

wherein the personal data application file is an electronic medical record file of a patient
35 individual, the personal data application is an electronic medical chart service application

of the patient individual, the editing person is a medical worker, and the other computer resource is a medical institution system used by the medical person.

12. The personal data control application (100) according to any one of claims 1 to 9,

5 wherein the personal data application file (110) is an electronic medicine handbook file of a patient individual, the personal data application is an electronic medicine handbook file management service application of the patient, the editing person is a pharmacist, and the other computer resource is a dispensing pharmacy system used by the pharmacist.

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13. The personal data control application (100) according to any one of claims 1 to 9,

wherein the personal data application file (110) is an electronic insurance certificate file of an insured person, the personal data application is an electronic insurance certificate service application of the insured person, the editing person is a medical person, and the
15 other computer resource is a medical institution system used by the medical person.

14. The personal data control application (100) according to any one of claims 1 to 9,

wherein the personal data application file (110) is an electronic driver's license file of a driver's individual, the personal data application is an driver's license service application
20 of the driver, and the editing person is an administration person who edits data of the electronic driver's license, and the other computer resource is an electronic driver's license management system used by the administration person.

15. The personal data control application (100) according to any one of claims 1 to 9,

25 wherein the personal data application file (110) is an individual electronic passport file, the personal data application is an immigration management service application, and the editing person is an immigration management person who performs an immigration management for editing data of the electronic passport, and the other computer resource is an electronic passport management system used by an immigration management
30 person.

16. A method for controlling a personal data control application (100) available in a computer system for operating a personal data application file (110), comprising;

35 setting an open secret code for opening each personal data application file (110) by the application and a close secret code for closing each personal data application file (110)

normally by the personal data application,

performing an application file open processing for performing authentication between an input code and the open secret code, and opening the personal data application file (110) under the condition that the input code is matched with the open secret code;

5 accepting and performing an application file edit processing for editing operation of data of the opened personal data application file (110) from other computer resource via a network;

performing an application file close processing for performing authentication between an input code and the close secret code, and settling the data edition by the application
10 file edit processing and closing the personal data application file (110) under the condition that the input code is matched with the close secret code.