

The Claims

What we claimed is

1. A personal data application program control system available in a
5 computer system for operating a personal data application file which
includes an open secret code for opening each personal data application
file by the personal data application program and a close secret code for
closing each personal data application file normally by the personal data
application program,
10 the personal data application program comprising;
an application file open program module that performs authentication
between an input code and the open secret code, and opens the personal
data application file under the condition that the input code is matched
with the open secret code;
15 an application file edit program module that accepting and performs the
data editing operation for the opened personal data application file from
other computer resource via ~~the~~ a network; and
an application file close program module that performs authentication
between an input code and the close secret code, and settling the data
20 edition by the application file edit program module and closes the
personal data application file under the condition that the input code is
matched with the close secret code.
2. A personal data application according to claim 1,
25 wherein the personal data application file 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 start.

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3. A personal data application according to claim 1,

wherein the personal data application file includes an editing start secret code for permitting the data editing operation for the personal data application file from the other computer resource via the network, and an
10 editing end secret code for settling and finishing the data editing operation for the personal data application file 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
15 data application file is requested to start, and requests an input of the editing end secret code when the data editing operation for the personal data application file is requested to finish.

4. A personal data application according to claim 1, wherein the open
20 secret code and the close secret code are registered biometric information of ~~the~~ a holder of the personal data.

5. A personal data application according to claim 2, wherein the open secret code and the close secret code are registered biometric information
25 of ~~the~~ a holder of the personal data, and the editing start secret code is the registered biometric information of the person using the other

computer resource via the network.

6. A personal data application according to claim 3, wherein the open
secret code and the close secret code are registered biometric information
5 of ~~the~~ a holder of the personal data, and the editing start secret code
and the editing end secret code are the registered biometric information of
the person using the other computer resource via the network.

7. A personal data application according to any one of claims 1 to 6,
10 wherein the personal data application file is stored in a server on a
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
15 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 other computer resource held by the person using the
other computer resource via the network or can be available as the
20 application service provider system managed in the server.

8. A personal data application according to any one of claims 1 to 6,
wherein the personal data application file is stored and controlled in a
cloud system on the network;

25 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 cloud system;

wherein the application file editing program module is configured to be
5 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.

9. A personal data application according to any one of claims 1 to 8,

10 wherein the personal data application file is controlled in individual folders in individual units;

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

10. A personal data application according to any one of claims 1 to 9,

wherein the personal data application file is an electronic
20 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
25 an electronic administration-related file management system used by the administration person.

11. A personal data application according to any one of claims 1 to 9,

wherein the personal data application file is an electronic medical record file of a patient individual, the personal data application is an
5 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. A personal data application according to any one of claims 1 to 9,

10 wherein the personal data application file 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. A personal data application according to any one of claims 1 to 9,

wherein the personal data application file 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,
20 the editing person is a medical person, and the other computer resource is a medical institution system used by the medical person.

14. A personal data application according to any one of claims 1 to 9,

wherein the personal data application file is an electronic driver's license file of a driver's individual, the personal data application is an
25 driver's license service application 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.

5 15. A personal data application according to any one of claims 1 to 9,
wherein the personal data application file 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
10 editing data of the electronic passport, and the other computer resource is
an electronic passport management system used by an immigration
management person.

16. A method for controlling a personal data application available in a
15 computer system for operating a personal data application file,
comprising;

setting an open secret code for opening each personal data application
file by the application and a close secret code for closing each personal
data application file normally by the personal data application,
20 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 under the condition that the
input code is matched with the open secret code;

accepting and performing an application file edit processing for editing
25 operation of data of the opened personal data application file from other
computer resource via ~~the~~ 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 file edit processing and closing the personal data application file under the condition that the input code
5 is matched with the close secret code.