WHAT IS CLAIMED IS:

1. A communication terminal for providing a multi phone number service with a single communication terminal, comprising:

a subscriber identity module configured to store a plurality of phone numbers and store mapping information of an operation mode for each phone number;

a plurality of interface units configured to provide independent operation modes respectively corresponding to the plurality of phone numbers by using the plurality of phone numbers and the mapping information stored in the subscriber identity module; and

a switching unit configured to switch and activate the plurality of interface units to each other,

wherein the plurality of interface units store reception setting information of each operation mode, receive a call only in a time zone during which call reception is allowed according to the reception setting information of each operation mode, and give an auto-answering guide in a time zone during which call reception is not allowed.

2. The communication terminal according to claim 1,

wherein the plurality of interface units check a plurality of application dedicated files (ADF) by analyzing an elementary file directory (EF DIR) of the subscriber identity module and search a phone number at each of the plurality of application dedicated files.

3. The communication terminal according to claim 1,

wherein the mapping information is stored as an elementary file (EF) in the

subscriber identity module.

4. The communication terminal according to claim 3,

wherein the ER storing the mapping information is stored in a subdirectory of a master file (MF) of the subscriber identity module or is stored in a subdirectory of an application dedicated file (ADF).

5. The communication terminal according to claim 3,

wherein the ER storing the mapping information has a plurality of record regions, and each phone number is stored in each record region.

6. The communication terminal according to claim 5,

wherein a length of a phone number, the phone number, and a value of an operation mode corresponding to the phone number are stored in each of the plurality of record regions.

7. The communication terminal according to claim 6,

wherein when a phone number is recorded in each record region, a number representing a digit number of the phone number and numbers composing the phone number are recorded, two numbers in one byte, so that in each byte, a first number is recorded in lower 4 bits and a second number is recorded in upper 4 bits.

8. The communication terminal according to claim 1,

wherein the switching unit activates an interface unit of an operation mode corresponding to a password input by a user when the communication terminal is in a locked state.

9. The communication terminal according to claim 1,

wherein the switching unit activates an interface unit of a default operation mode when the communication terminal comes into an idle state.

10. The communication terminal according to claim 1,

wherein each of the plurality of interface units determines an operation mode corresponding to the incoming call based on an international mobile subscriber identity (IMSI) included in the incoming call received from a communication network.

11. A method for providing a multi phone number service with a single communication terminal, comprising:

by the communication terminal, searching a plurality of phone numbers and mapping information of an operation mode for each phone number from a subscriber identity module;

by the communication terminal, activating any one of a plurality of interface units, which give independent operation modes respectively corresponding to the plurality of phone numbers, by using the searched plurality of phone numbers and the searched mapping information;

by the communication terminal, storing reception setting information of each

operation mode; and

by the communication terminal, receiving a call only in a time zone during which call reception is allowed according to the reception setting information of each operation mode and giving an auto-answering guide in a time zone during which call reception is not allowed.

12. The method according to claim 11,

wherein in the step of searching, an elementary file directory (EF DIR) of the subscriber identity module is analyzed to check a plurality of application dedicated files (ADF), and a phone number is searched at each of the plurality of application dedicated files.

13. The method according to claim 11,

wherein the mapping information is stored as an elementary file (EF) in the subscriber identity module.

14. The method according to claim 13,

wherein the ER storing the mapping information is stored in a subdirectory of a master file (MF) of the subscriber identity module or is stored in a subdirectory of an application dedicated file (ADF).

15. The method according to claim 13,

wherein the ER storing the mapping information has a plurality of record regions,

and each phone number is stored in each record region.

16. The method according to claim 15,

wherein a length of a phone number, the phone number, and a value of an operation mode corresponding to the phone number are stored in each of the plurality of record regions.

17. The method according to claim 16,

wherein when a phone number is recorded in each record region, a number representing a digit number of the phone number and numbers composing the phone number are recorded, two numbers in one byte, so that in each byte, a first number is recorded in lower 4 bits and a second number is recorded in upper 4 bits.

18. The method according to claim 11,

wherein the step of activating includes:

receiving a password from a user when the communication terminal is in a locked state; and

activating an interface unit of an operation mode corresponding to the input password.

19. The method according to claim 11, further comprising:

by the communication terminal, coming into an idle state; and

by the communication terminal, activating an interface unit of a default operation

mode.

20. The method according to claim 11, further comprising:

determining an operation mode corresponding to the incoming call based on an international mobile subscriber identity (IMSI) included in the incoming call received from a communication network.

21. A communication terminal for providing a multi phone number service with a single communication terminal, comprising:

a subscriber identity module configured to store a plurality of phone numbers;

a memory configured to store mapping information of an operation mode for each phone number;

a plurality of interface units configured to provide independent operation modes respectively corresponding to the plurality of phone numbers by using the plurality of phone numbers stored in the subscriber identity module and the mapping information stored in the memory; and

a switching unit configured to switch and activate the plurality of interface units to each other,

wherein the plurality of interface units store reception setting information of each operation mode, receive a call only in a time zone during which call reception is allowed according to the reception setting information of each operation mode, and give an auto-answering guide in a time zone during which call reception is not allowed.