CLAIMS

1. A web-based system for remotely managing and accessing a plurality of electronic personal storage units, each unit having one or more compartments, the web-based system comprising:

    a storage unit management module for managing scheduled access to each of the one or more compartments of an electronic personal storage unit, the scheduled access being a defined period of time specified by the owner or an authorised user of the storage unit for an end user to access a selected compartment during such defined period of time;

    an access code generator for generating a unique access code corresponding to a valid scheduled compartment access created by the owner or an authorised user of the storage unit;

    a database for storing and accessing data relating to scheduled access of the electronic personal storage unit; and

    an end user module for generating unlock instructions for access to the one or more compartments of the electronic personal storage unit, in response to a valid input by an end user

    wherein the electronic personal storage unit includes one or more electronic locks for controlling access to one or more compartments of the personal storage unit, each of the one or more electronic locks including input means for receiving an unlock signal and a central control unit for receiving said unlock instructions and relaying corresponding unlock signals to the one or more electronic locks.

2. The system of claim 1, whereby validation is performed against data relating to said scheduled storage access of the electronic personal storage unit stored in the database.

3. The system of claim 1 or 2, whereby the storage management module and end user module are accessible using an internet enabled device including mobile phone.

4. The system according to claims 1-3, whereby each electronic personal storage unit is a unique record in the database, the unique record represented by a QR code displayed on the storage unit.

5. The system according to claim 4, whereby the end user module activates a QR code scanner function in the user's internet enabled device for scanning the QR code and the module verifies the scanned information against relevant information in the database.

6. The system according to claims 1-5, whereby the valid input is derived from user input of the unique access code and time and date of the input.

7. The system according to claims 1-6, whereby the default state of the compartments is locked.

8. The system according to claims 1-7, whereby a master user and sub master accounts for a electronic personal storage unit are created using the storage unit management module.

9. The system according to claims 1-8, whereby the electronic locks generates a signal to the central control unit when the associated door of the storage compartment is closed.

10. The system of claim 9, whereby the central control unit wirelessly transmits information relating to closing of a storage compartment via the user's internet enabled device to the end user module for recording in the database.

11. The system according to claims 1-10, whereby users of the end user module are required to pre-register an account.

12. The system according to claims 1-11, additionally provided with a sensor that monitors the duration of the opening of the compartment door that activates an alarm accordingly to a pre-determined threshold.

13. The system according to claims 1-12, additionally provided with anti-tampering sensor that activates an alarm according to a detection of sudden or jerky movements.

14. The system according to claims 1-13, additionally provided with sensors to detect the presence of items in each individual compartment.

15. The system according to claims 1-14, whereby one or more compartment is temperature regulated.

16. The system according to claims 1-15, whereby the electronic personal storage unit is operable without the electronic personal storage unit having inbuilt internet connectivity.

17. The system according to claims 1-16, whereby the electronic personal storage unit is operable without the electronic personal storage unit having an inbuilt processing system to run the storage unit management module or the end user module.

18. The system according to claims 1-17, whereby the electronic personal storage unit is operable without the electronic personal storage unit having an inbuilt display monitor.