CLAIMS

1. A system for dispensing a prescription medication, comprising:

a user identification module configured to identify a user;

a prescription retrieval module configured to retrieve a prescription associated with the identified user from a server that is remotely connected to the system;

a labelling module configured to label the prescribed prescription medication based on the retrieved prescription;

a verification module configured to facilitate verification of the labelled prescribed prescription medication, wherein the verification module comprises an image capturing module configured to provide real-time video streaming of the labelling module to a medical personnel; and

a dispensing module configured to dispense the verified prescribed prescription medication.

2. The system of claim 1, wherein the user identification module comprises a data capturing module configured to capture a user data for identifying the user.

3. The system of claim 1 or 2, wherein the labelling module comprises:

a printing module configured to print a label comprising a user name of the user and a medication instruction based on the prescription; and

an affixing module configured to affix the printed label to a container containing the prescribed prescription medication.

4. The system of any one of the preceding claims, further comprising a vital signs collection module configured to collect one or more vital signs data of the user.

5. The system of claim 4, wherein the vital signs collection module comprises vital signs collection devices, and wherein the user is guided to use the vital signs collection devices via a remote consultation with the medical personnel.

6. The system of claim 4 or 5, wherein the one or more vital signs data comprises a body temperature reading, a blood pressure reading, a blood oxygen level reading, a height measurement reading and/or a weight measurement reading.

7. The system of any one of claims 4 to 6, wherein the server is further connected to the vital signs collection module.

8. The system of any one of the preceding claims, wherein the server is further connected to a pre-determined remote healthcare system, wherein the pre-determined remote healthcare system transmits the prescription to the server.

9. The system of any one of the preceding claims, further comprising a restocking module configured to:

detect a quantity of the prescription medication; and

in response to detecting that the quantity of the prescription medication is less than a predetermined quantity, transmit a low inventory signal to the server.

10. The system of any one of the preceding claims, further comprising a medication clearing module configured to transfer an incorrect prescription medication or an uncollected verified prescribed prescription medication to a compartment, wherein the compartment is inaccessible to public.

11. A method for dispensing a prescription medication, comprising:

identifying, using a user identification module, a user;

establishing a connection between a system for dispensing the prescription medication and a remote server;

retrieving, using a prescription retrieval module, a prescription associated with the identified user from the remote server;

labelling, using a labelling module, the prescribed prescription medication based on the retrieved prescription;

verifying, using a verification module, the labelled prescribed prescription medication, wherein verifying the labelled prescribed prescription medication comprises providing, using an image capturing module, real-time video streaming of the labelling module to a medical personnel; and

dispensing, using a dispensing module, the verified prescribed prescription medication.

12. The method of claim 11, wherein identifying the user comprises capturing a user data for identifying the user.

13. The method of claim 11 or 12, wherein labelling the prescribed prescription medication comprises:

printing a label comprising a user name of the user and a medication instruction based on the prescription; and

affixing the printed label to a container containing the prescribed prescription medication.

14. The method of any one of claims 11 to 13, further comprising collecting, using a vital signs collection module, one or more vital signs data of the user.

15. The method of claim 14, wherein the vital signs collection module comprises vital signs collection devices, and wherein collecting the one or more vital signs data of the user comprises guiding the user to use the vital signs collection devices via a remote consultation with the medical personnel.

16. The method of claim 14 or 15, wherein the one or more vital signs data comprises a body temperature reading, a blood pressure reading, a blood oxygen level reading, a height measurement reading and/or a weight measurement reading.

17. The method of any one of claims 11 to 16, further comprising establishing a connection between the remote server and a pre-determined remote healthcare system, wherein the pre-determined remote healthcare system transmits the prescription to the remote server.

18. The method of any one of claims 11 to 17, further comprising:

detecting, using a restocking module, a quantity of the prescription medication; and

in response to detecting that the quantity of the prescription medication is less than a predetermined quantity, transmitting using the restocking module, a low inventory signal to the remote server.

19. The method of any one of claims 11 to 18, further comprising transferring, using a medication clearing module, an incorrect prescription medication or an uncollected verified prescribed prescription medication to a compartment, wherein the compartment is inaccessible to public.