WHAT IS CLAIMED IS:

1. A locker apparatus comprising:

a box capable of accommodating luggage therein;

a door configured to open and close the box;

a locking device configured to unlockably lock the door;

an operation unit configured to receive an operation by a user; and

a control device configured to control the locking device in response to an operation on the operation unit by the user, wherein

the operation unit includes authentication member configured to authenticate the user,

the control device is configured to lock the locking device in order to lock the door into a closed state except when the luggage is deposited in the box and when the luggage is taken out from the box,

the operation unit includes a reopening door button that can be operated by the user in order to give an instruction to reopen the door,

when the reopening door button is operated within a predetermined time after the luggage is deposited in the box, the door is closed, and the locking device is locked once, the control device unlocks the locking device, on a condition that authentication of the user by the authentication member is established, in order to permit the door to be reopened, and locks the locking device again when the door is closed thereafter,

the operation unit includes a display unit configured to display at least one of a virtual button, an illustration of a locker apparatus, and a text,

the control device is configured to cause a screen of the display unit to sequentially transition from a standby screen in response to an operation on the virtual button by the user,

as the virtual button, a deposit button that is operated by the user when the user deposits the luggage in the box, a take-out button that is operated by the

user when the user takes out the luggage from the box, and the reopening door button are displayed on the standby screen, and

on the standby screen, the deposit button and the take-out button are displayed side by side, and the reopening door button is placed adjacent to an upper side of the take-out button and is smaller in size than the take-out button.

2. The locker apparatus according to claim 1, wherein

the reopening door button is a button that is operated by the user particularly when the user redeposits the luggage in the box, not when the user takes out the luggage from the box.

3. The locker apparatus according to claim 2, wherein

when the reopening door button is operated, the control device causes a display of the display unit to transition from the standby screen to a confirmation screen, and

an explanation text “You can redeposit luggage within a predetermined time after deposit”, an elapsed time after the deposit, and a confirmation button as the virtual button are displayed on the confirmation screen.

4. The locker apparatus according to claim 3, wherein

when the confirmation button is operated, the control device causes the display of the display unit to transition from the confirmation screen to an authentication selection screen, and

a text “Redeposit luggage” and a plurality of types of authentication buttons for selecting one of a plurality of authentication methods are displayed on the authentication selection screen.

5. The locker apparatus according to claim 4, wherein

when one of the authentication buttons is operated, the control device causes the display of the display unit to transition from the authentication selection screen to an authentication execution screen, and

the authentication member or an illustration prompting an operation on the authentication member corresponding to the selected one authentication method, and an explanation text therefor are displayed on the authentication execution screen.

6. The locker apparatus according to claim 5, wherein

the door is provided with operation member that is operated by the user in order to request the locking device to lock when the user has deposited the luggage in the box and has closed the door,

when the authentication member is operated, the control device causes the display of the display unit to transition from the authentication execution screen to a box selection screen, and

a number corresponding to the box in which the user has deposited the luggage, a selection button that can be operated in order to select the number, an explanation text prompting an operation on the operation member after the luggage is deposited again, and an illustration for the operation on the operation member are displayed on the box selection screen.

7. The locker apparatus according to claim 6, wherein

when the operation member is operated, the control device causes the display of the display unit to transition from the box selection screen to an end screen, and

a text “Thank you for using our service” is displayed on the end screen.

8. The locker apparatus according to claim 1 or 3, wherein the

predetermined time for permitting the door to be reopened is 15 minutes after the locking device is locked once.

9. The locker apparatus according to claim 1 or 3, wherein the control device is configured to permit the door to be reopened multiple times within the predetermined time.

10. The locker apparatus according to claim 1 or 6, wherein, if there are a plurality of the boxes in which the luggage has been deposited by the same user, the control device unlocks the locking device corresponding to only the box selected through an operation on the operation unit.