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 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 box is provided with a luggage sensor for detecting luggage in the box,

the operation unit includes a take-out button that is operated by the user in order to take out the luggage from the box in which the user has deposited the luggage, and

when the take-out button is operated by the user, the control device executes a luggage take-out mode in which

when the control device unlocks the locking device in order to open the door of the box in which the luggage has been deposited, and the door is closed thereafter,

if it is determined that there is the luggage in the box based on a detection result of the luggage sensor, the control device maintains unlocking of the locking device to prevent the door from being locked even when a later user tries to deposit luggage, or

if it is determined that there is no luggage in the box based on the detection result of the luggage sensor, the control device locks the locking device.

2. The locker apparatus according to claim 1, further comprising a luggage lamp configured to operate in order to indicate whether or not there is the luggage in the box, wherein

the control device causes the luggage lamp to light up or flash while determining that there is the luggage in the box as a target based on the detection result of the luggage sensor after the take-out button is operated by the user.

3. The locker apparatus according to claim 1 or 2, further comprising reservation acceptance member configured to accept a use reservation for the box, wherein

the control device is configured to record and manage a current status of each box that is in use and each box that is not in use, and to manage acceptance and recording of a use reservation from the reservation acceptance member for each box that is not in use, and

the control device stops accepting a use reservation from the reservation acceptance member for the box in which it is determined that there is the luggage based on the detection result of the luggage sensor.