Smart Power Meter Infrastructure

User Manual for Student Pannel

Contents

I. Log in Student Panel

There are 2 ways to access the student control panel:

1. Via URL: https://w5.ab.ust.hk/njggt/app, or scan the QR code below:

2. Via HKUST Student App (Select "Residential Life" under "Easy Living")

II. Home Page shows the following

1. Student name/ID and the assigned hall and room
2. Notices - Admin will be sending out notices and this is where it can be seen
3. Air Conditioning Balance (in minutes/kWh) - after making a top up, balance will be shown here.
4. Charge Mode
   a. Free Mode - when the room is in Free Mode, the student can use the AC at no   cost
   b. Charge Mode - when the room is in Charge Mode, the student is required to make a top up before the AC can be used
5. Current Billing Cycle - This shows the name and date rage of the billing cycle set by the Admin
6. A/C timer for turning it off - You can turn off the AC automatically by setting the timer for a minimum of 5 mins from the current time.
7. A/C Status - this shows if the AC is turned ON or OFF
8. Top up - student can add a balance by making a top up and payment method varies on how the system is being accessed
   a. Mobile App - Visa , Master and Union Pay
   b. Desktop Web Browser - Visa, Master , Union Pay, Alipay Wechat Pay and FPS
9. Power Consumption Graph on a Daily, Weekly and Monthly basis with comparison to the previous consumption
10. Feedback - If you have encountered issues or would like to make suggestions.
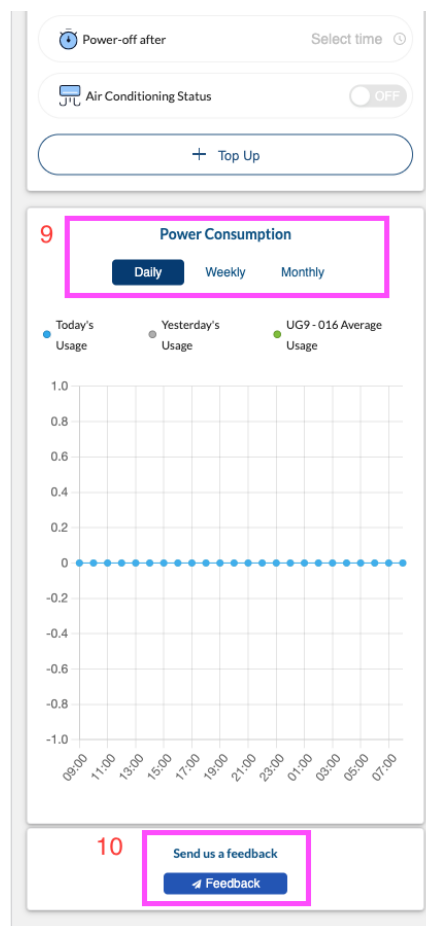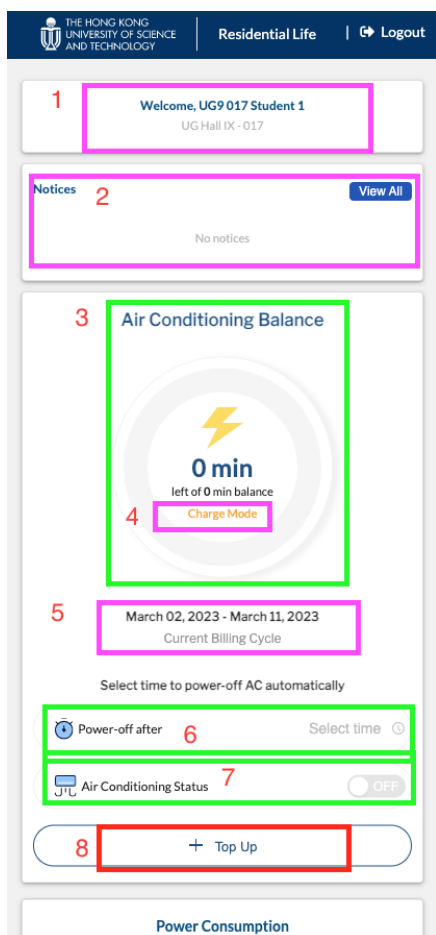
III. Making a Top-Up or adding balance to assigned room and for other roms

1. Tap on 'Top-up' button
2. Scroll down to the Top Up Detail form
3. If you are making a top-up for the current billing cycle, it's already set by default. But if it's for the future billing cycle, tap on the dropdown and select.
4. Assigned room is set by default, if making a top up for a different room, tap on the dropdown and select the room number.
5. There is already a selection for Top-up minutes but can enter the preferred minutes which is multiple of 10 only. The calculation will be shown and the total amount.
6. Select the payment method you will be using then proceed to payment.
7. After successful payment, you'll be directed to the top-up history page.
8. Go to the home page to check the balance.
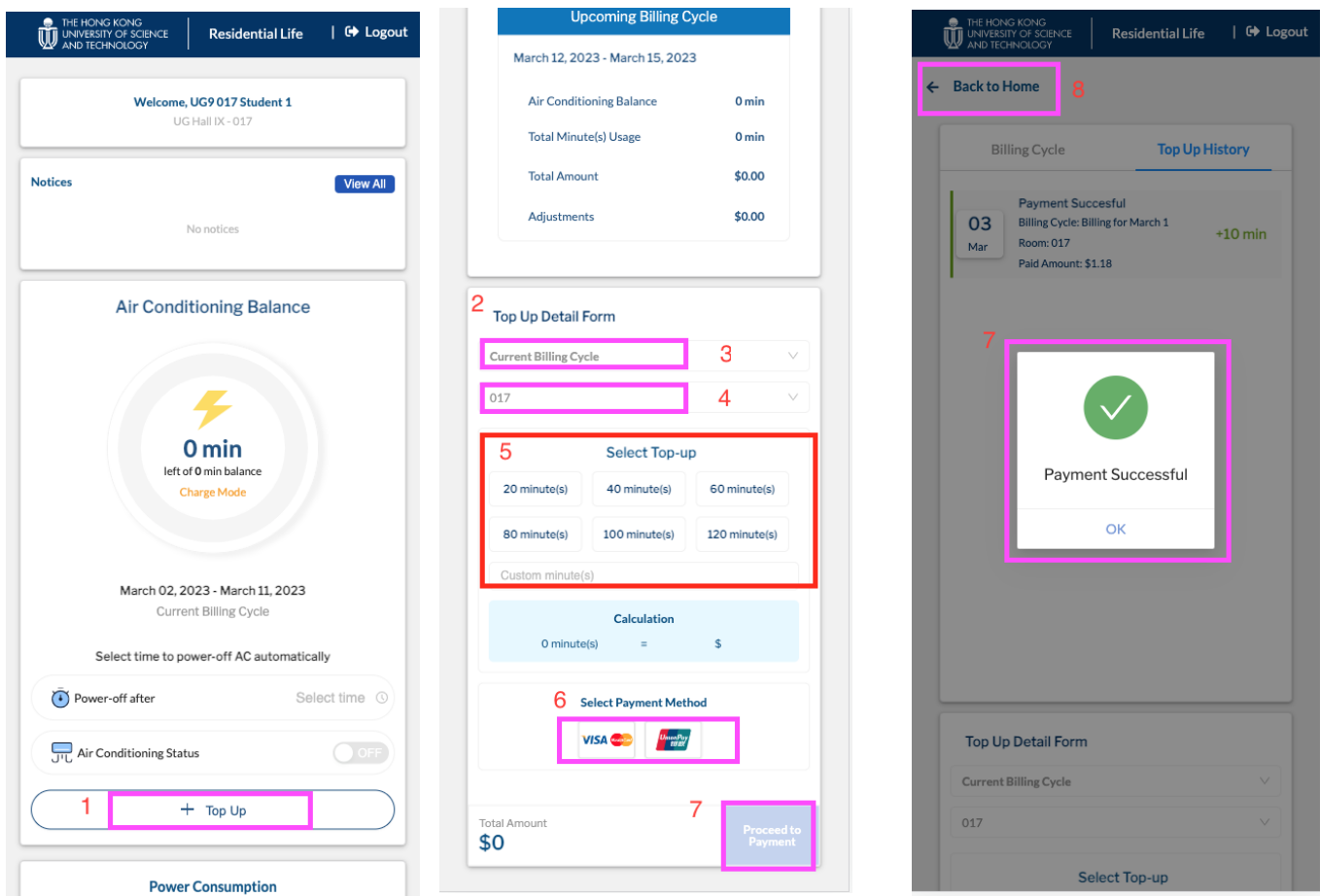
NOTE:
*Any remaining balance in the current billing cycle will be forfeited in the next billing if left unused/not consumed

IV. Viewing the Billing Cycles

1. Tap on on the 'Top-up' button
2. Billing cycle page shows the Current and Future Billing Cycles
3. Current/Future Billing cycle section shows the following:
   a.AirConditioning balance
   b.Total Kwh/Minute(s) Usage
   c.Total Amount
   d.Adjustments (made by the admin)
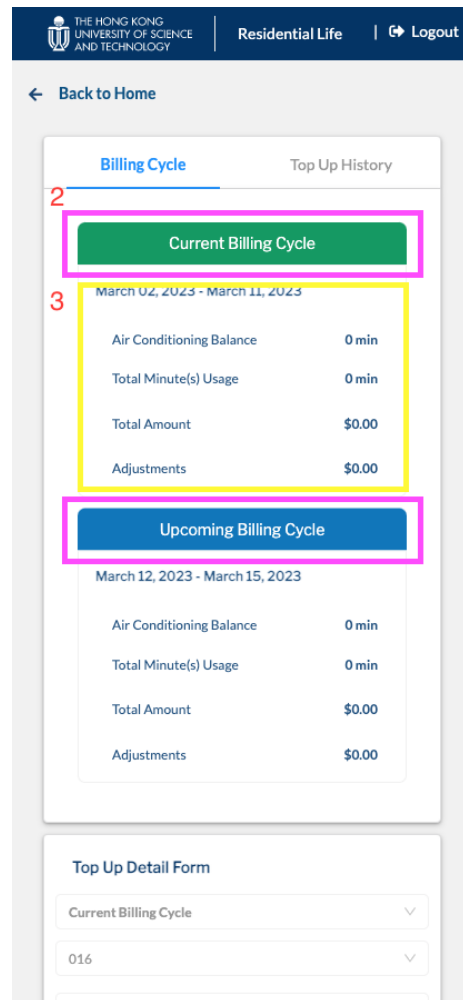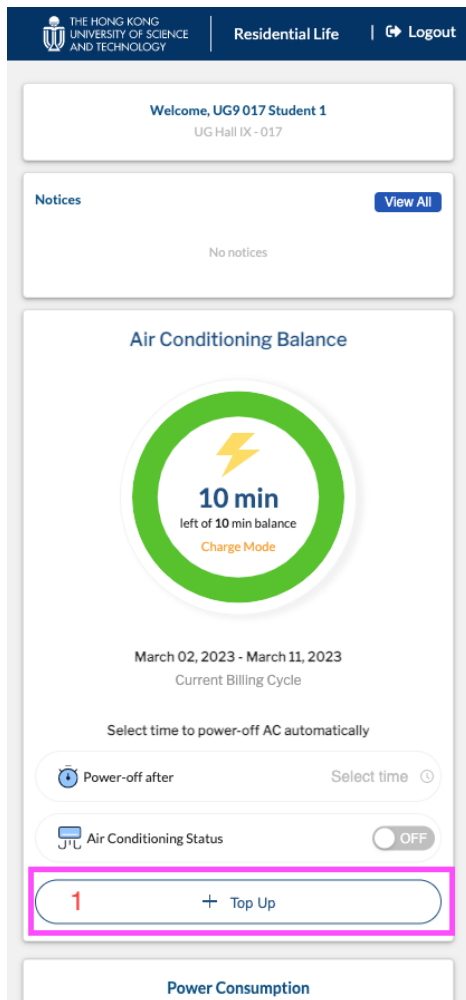
V. Viewing the Top-Up History

1. Tap on on the 'Top-up' button
2. Tap on the 'Top-Up History'
3. Every transaction either Successful or Failed will be displayed.
   Payment details are the following:
   a.Payment Status - Successful / Failed
   b.Billing Cycle - Current / Future Billing Cycle
   c.Room number - Assigned room or for other room
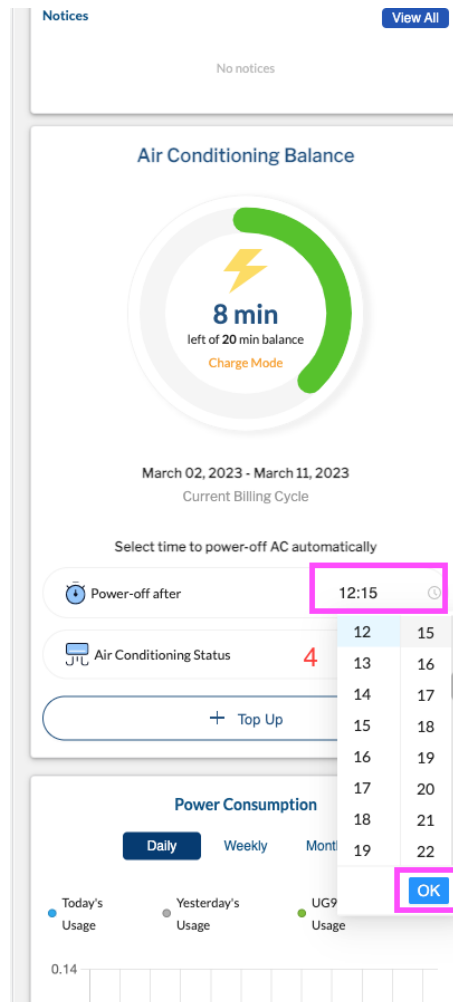   d.Paid amount
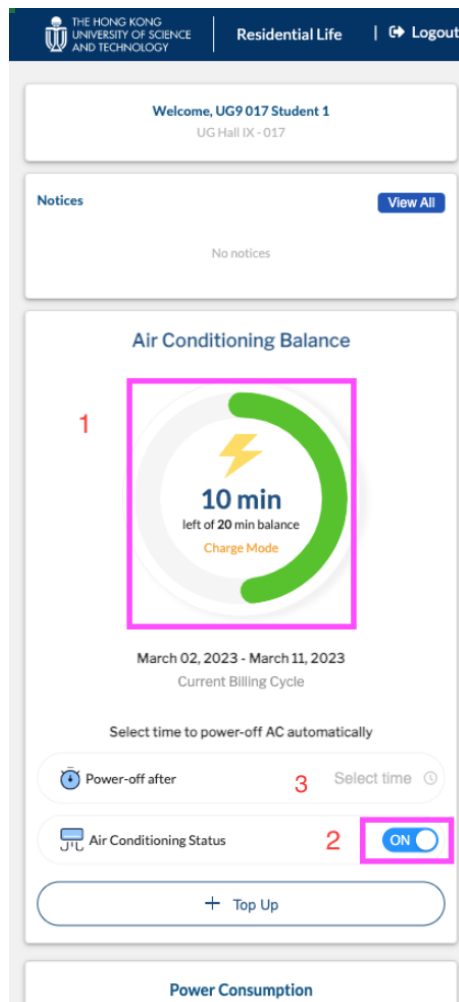   c.Additional minutes or kWh
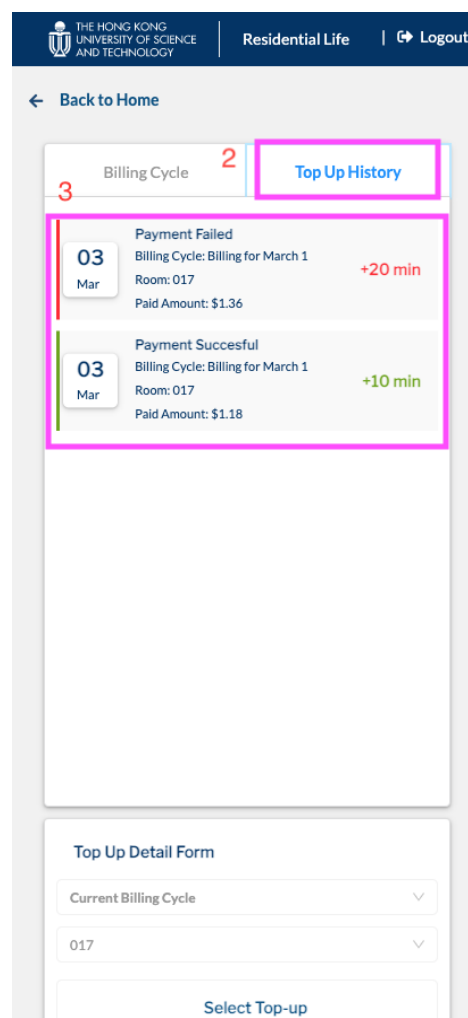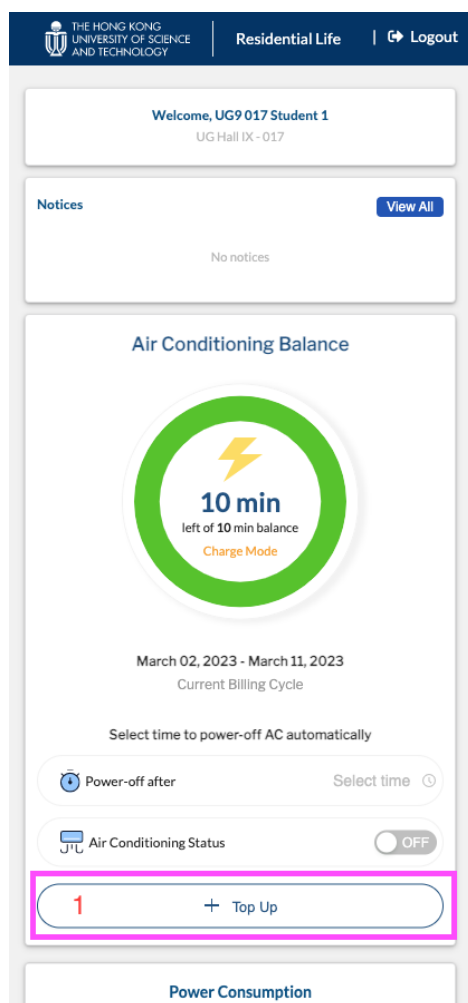
VI. Turning On / Off the AC

1. In the Air Conditioning Status, tap on the toggle to turn in On
2. To turn it Off, toggle the same switch
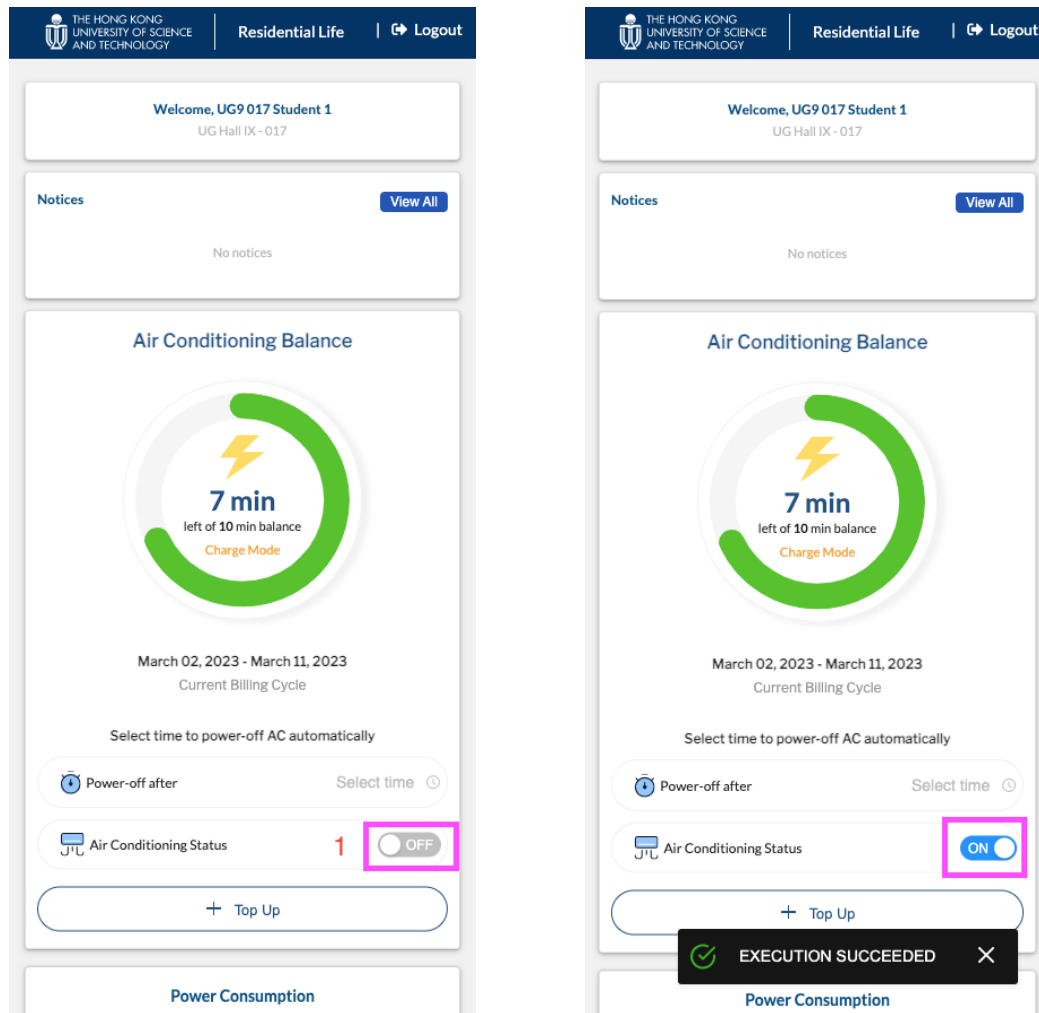
VII. Setting a timer for turning off the AC

1. The timer can only be set if there's a balance
2. Turn On the A/C
3. Tap on the 'Select Time'
4. Selecting the hour and minute, click on OK. Note that the timer can be set for a minimum of 5 minutes from the current time.
5. The AC will be turned off automatically based on the set time.

END