

McKare User Manual



2025/01
JCFTechnology

Table of Contents

01

Sign up

1. Log in 3p
2. Sign up 4p

02

Analytics Apps

1. Analysis 5-9p
2. Statistics 10-15p
3. Dashboard List 16-21p
3. Sensor Map 22-24p

03

Care Apps

1. Risk Group List 25-28p
2. Absence List 29p

04

Common Apps

1. Sensor 30-31p

05

Config Apps

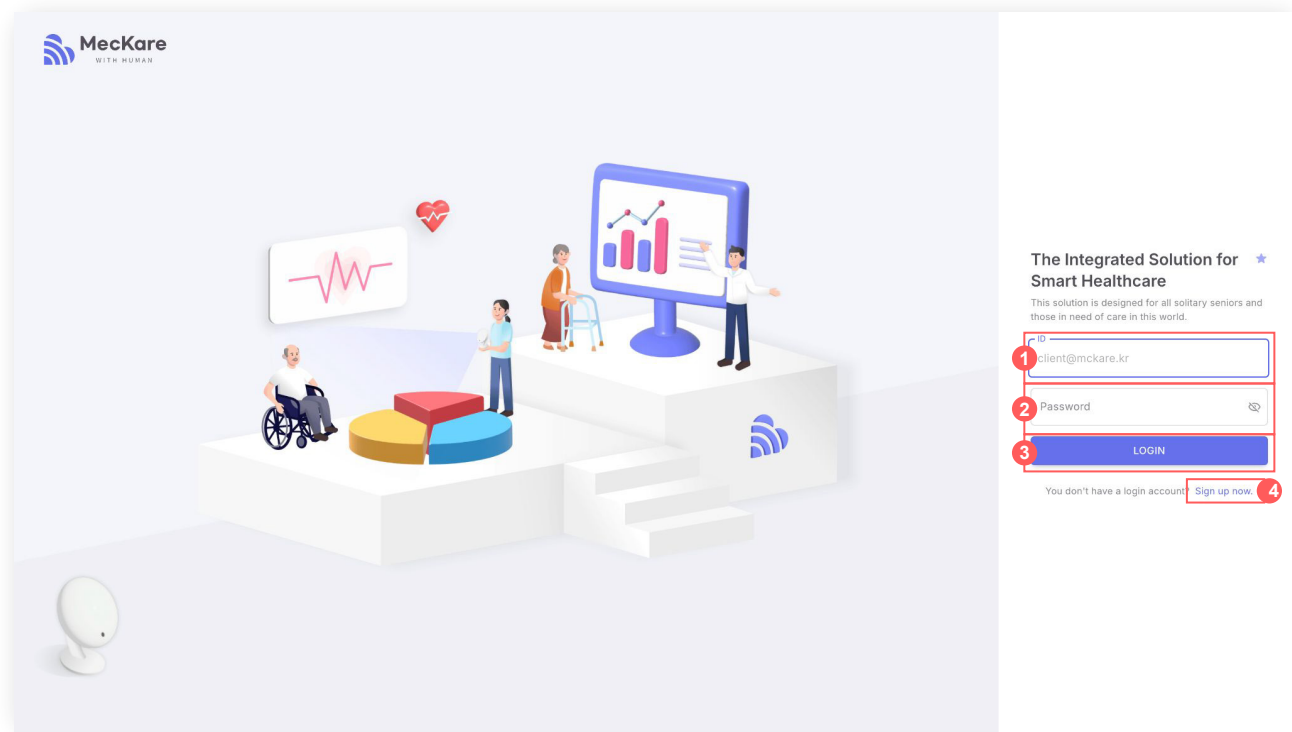
1. Create Location 32p
2. User Permission 33-34p

06

Main Apps

1. App Bar 35-42p
2. Theme Settings 43p

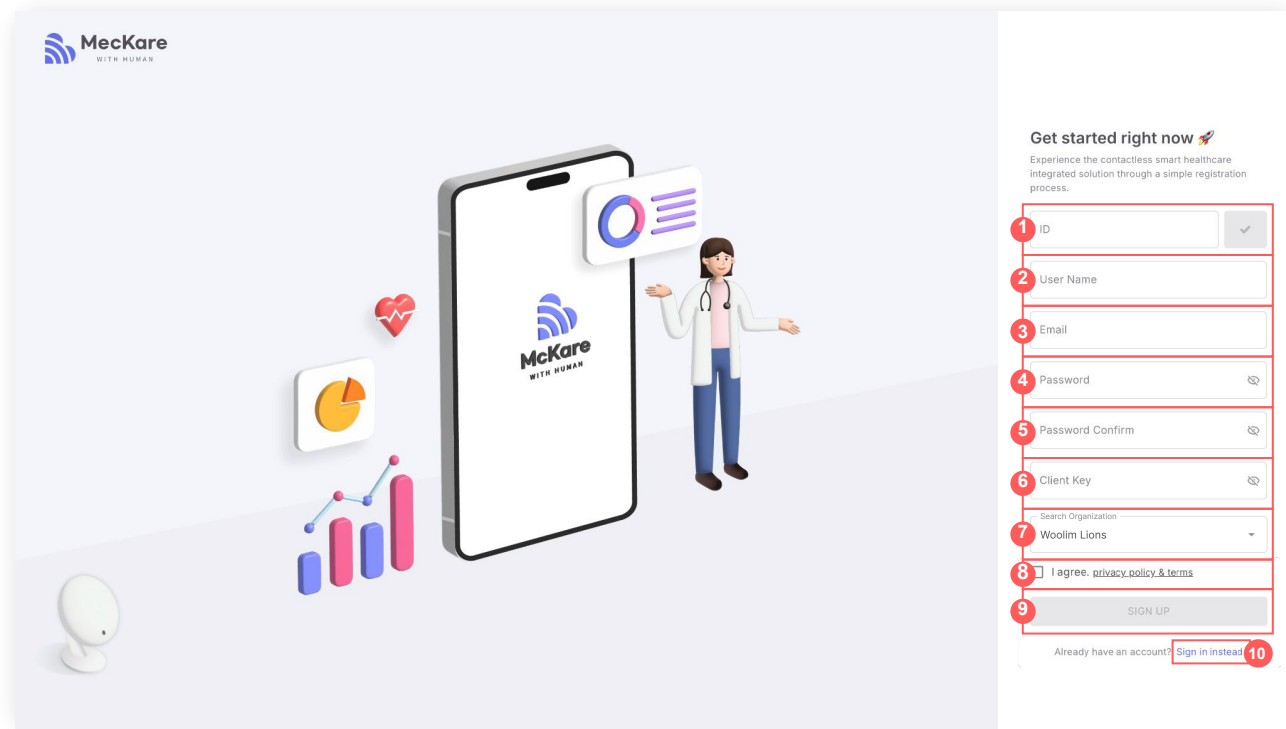
Log in <https://meckare.ai>



Description

- 1 Enter the ID you created or the ID issued by the administrator
- 2 Enter your password
- 3 Enter your ID, password and click the login button to start MeckKare
- 4 Click "Sign up now" to move to sign up page

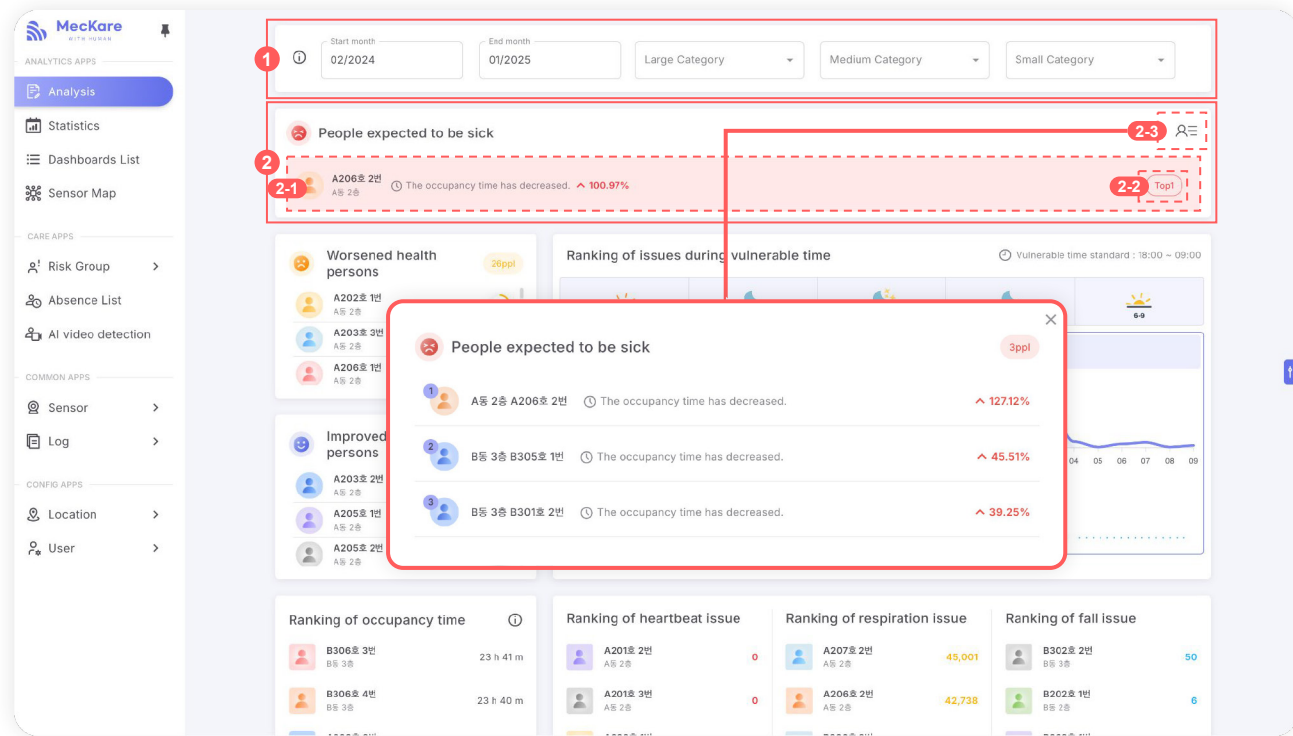
Sign Up



Description

- 1 Click ∨ button to check if the entered ID is available
- 2 Enter your username
- 3 Enter your email address you want to use
- 4 Enter the password you want to use
- 5 Confirm the password you entered in **step 4**
- 6 Please enter client key if you have one
*Please contact admin for the client key *
- 7 If you entered your client key correctly, you can search organization. Select the organization you belong from the list.
- 8 Click "Privacy Policy and Terms" to check the contents and check on "I agree" *
Required
- 9 After entering all information correctly, click the Sign Up button to complete the sign-up process.
- 10 If you already have an account, click the "Sign in instead" (Go back to login) button

Analytics Apps > Analysis (Issues in occupancy)



Description

- Analysis information can be checked by selecting the start month and end month
*The gap between the start month and end month must be at least 4 months Ex) If start month is 2024/01, end month must be 2024/04

Analysis information:

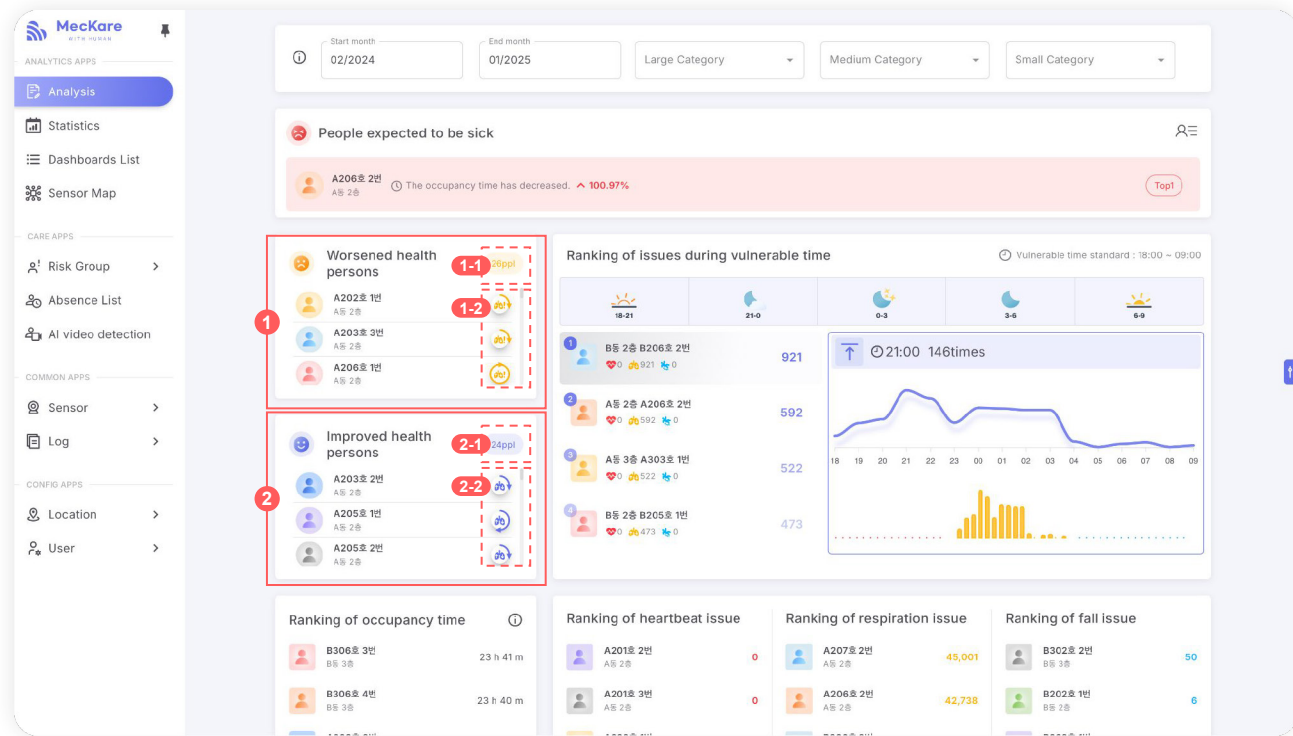
People with poor health, people who got worse / better health, ranking of people with abnormality in vulnerable time, ranking of people in occupancy, ranking of people with abnormality by category

- The sensor locations with significantly increased occupancy time and the occupancy time increase rate is displayed by comparing the time of the occupancy for the past month and the occupancy time during the searched period.

If there are no sensors with significantly increased occupancy time nothing will be displayed

- The slides rotate at regular intervals and it stops when you place the mouse cursor over the area
- The ranking of increase in occupancy time is displayed
- The list of sensors with increased occupancy time can be seen in a pop-up

Analytics Apps > Analysis (Issues heartbeat, respiration, fall)



Description

1 The sensor locations with significantly **increased** abnormality and the abnormal category is displayed by comparing the numbers of abnormality during the past month and the numbers of abnormality during the searched period.

1-1 Indicates a significantly increased heartbeat or respiration abnormality

1-2 Indicates the degree of the increase and increased abnormalities among heartbeat, respiration which is displayed in a round arrow graph

- ⬆️ Increase rate over 120% : Circular arrow
- ⬆️ Increase rate over 90% : 3/4 arrows
- ⬆️ Increase rate over 60% : Semicircular arrow
- ⬆️ Increase rate less than 60% : 1/4 arrow

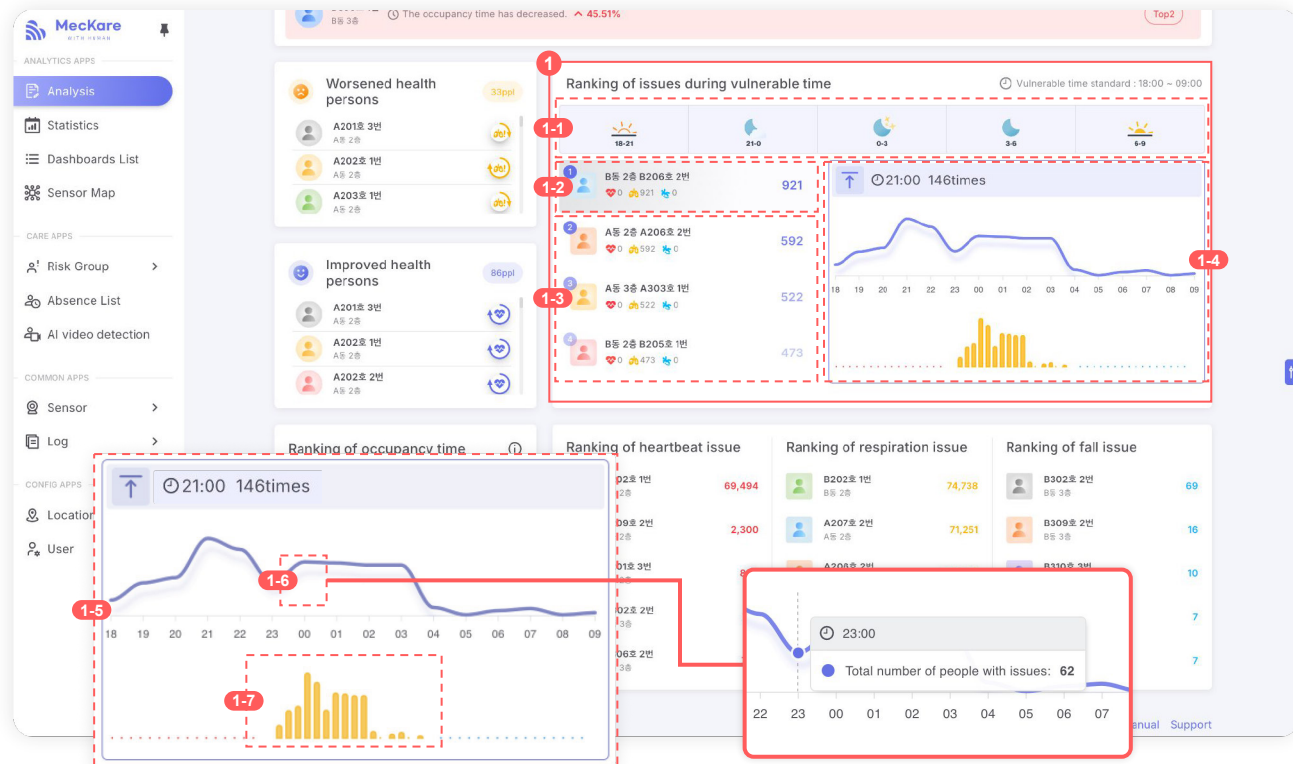
2 The sensor locations with significantly **reduced** abnormality and the abnormal category is displayed by comparing the numbers of abnormality during the past month and the numbers of abnormality during the searched period.

2-1 Indicates a significantly decreased heartbeat or respiration abnormality

2-2 Indicates the degree of the decrease and decreased abnormalities among heartbeat, respiration which is displayed in a round arrow graph

- ⬆️ Decrease rate over 120% : Circular arrow
- ⬆️ Decrease rate over 90% : 3/4 arrows
- ⬆️ Decrease rate over 60% : Semicircular arrow
- ⬆️ Decrease rate less than 60% : 1/4 arrow

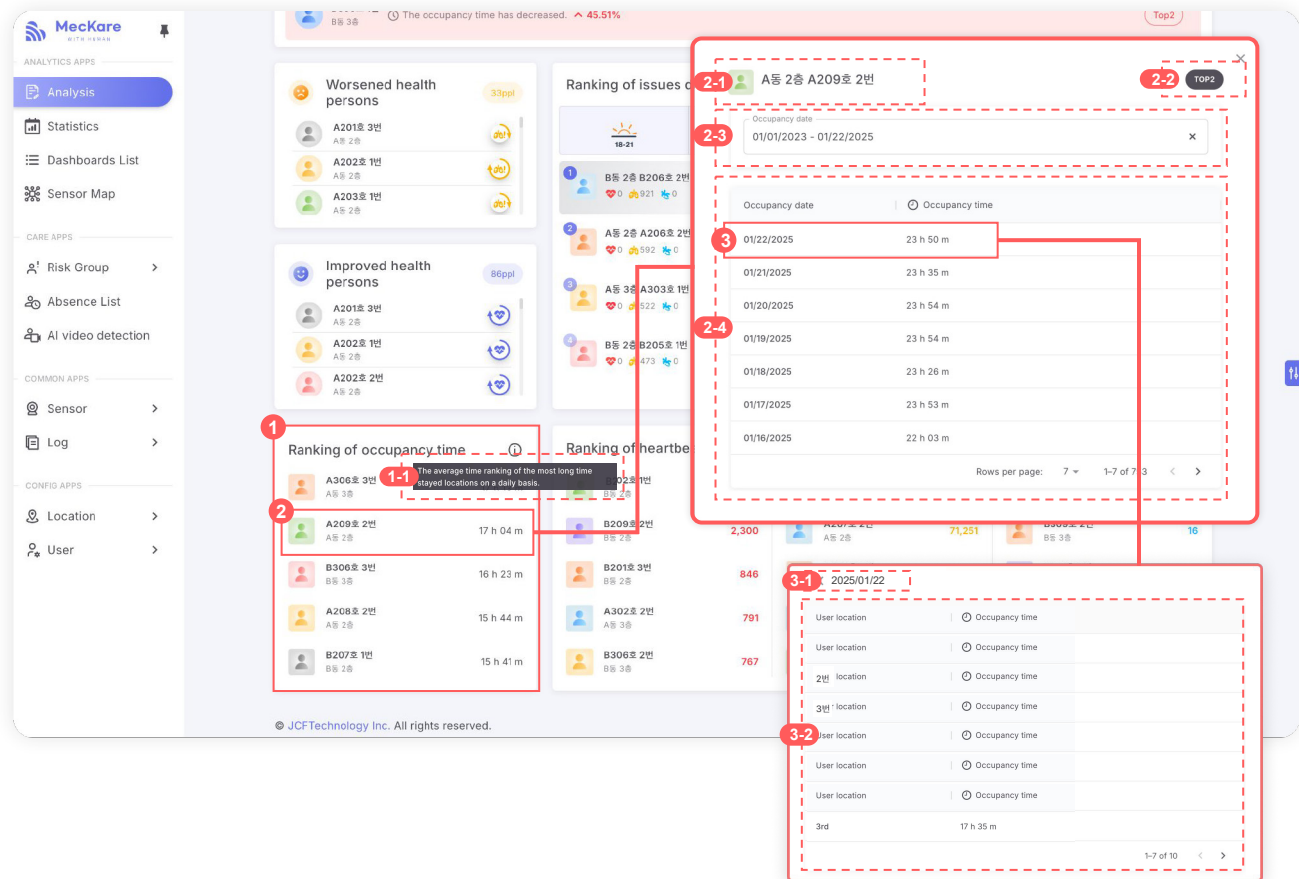
Analytics Apps > Analysis (Ranking of abnormality in vulnerable time)



Description

- 1** Indicates the information of the top 4 people (4 sensors) with the highest number of abnormality during the vulnerable time in searched period
*Vulnerable time : 18:00 ~ 09:00
 - 1-1** The information of the top 4 people with abnormality during the vulnerable time by each hour is displayed
 - 1-2** If a user clicks on a person(sensor) with abnormality, a gray background is painted on that area and a graph of the number of abnormality during the vulnerable time is displayed on the right
 - 1-3** Indicates the information of top 4 people and the number of abnormality in heartbeat rate / respiration / fall
 - 1-4** Indicates the trends of the total number of heartbeat rate, respiratory, fall abnormality during vulnerable time
- Purple line graph : Total abnormality
 - Red bar graph : Heartbeat abnormality
 - Yellow bar graph : Respiratory abnormality
 - Blue bar graph : Fall abnormality
- 1-5** The highest and lowest occurrence times and number of abnormalities are displayed for each of the top 4 sensors (outliers)
 - 1-6** The number of abnormality during each hour can be checked by placing the mouse cursor over the time you want to check the number of abnormality on the graph
 - 1-7** Clicking on each abnormality graph will show enlarged graph on top

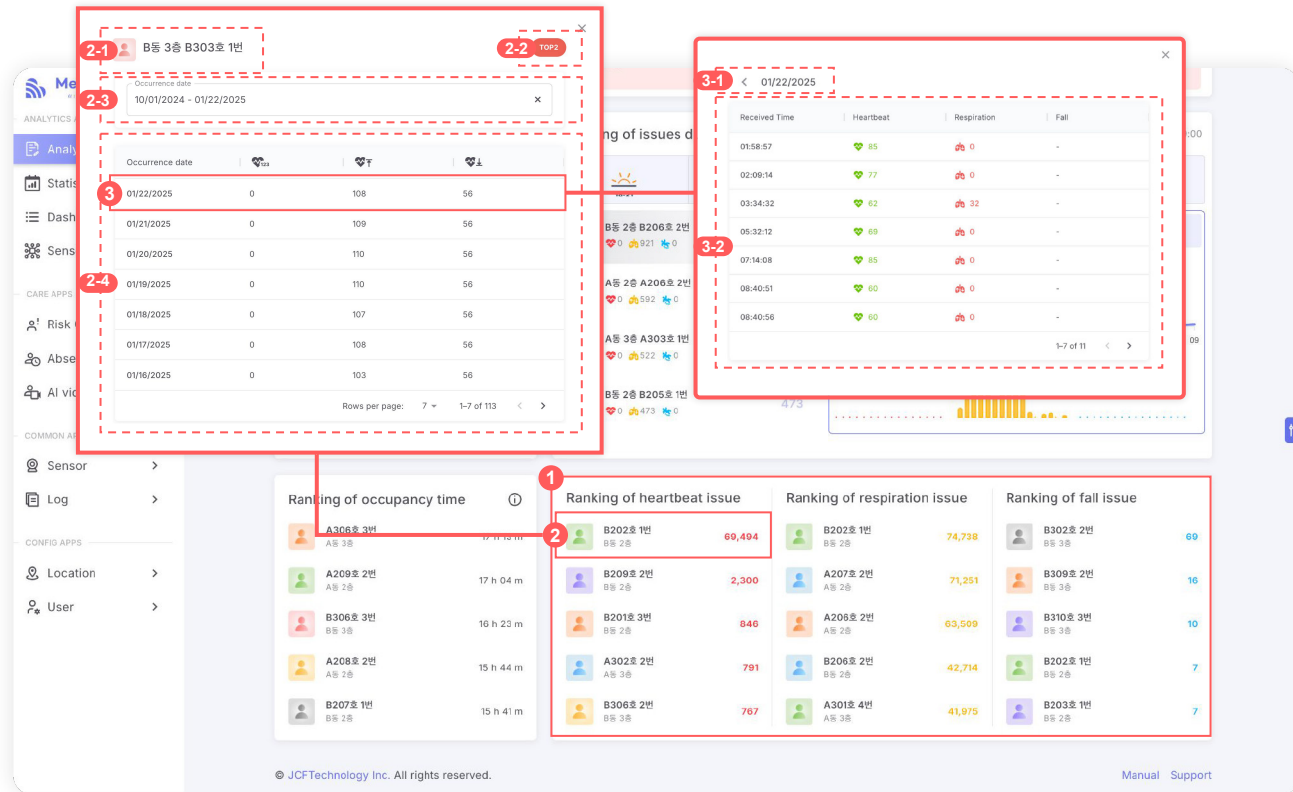
Analytics Apps > Analysis (Occupancy ranking)



Description

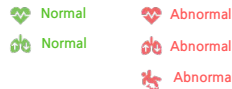
- 1 Based on the searched period, the average time of the longest occupancy at the location during a day is calculated and the information of the top 5 people with the longest occupancy time is displayed
 - 1-1 Description about the occupancy ranking
- 2 Click on the location of the abnormal person to check detailed occupancy information
 - 2-1 Displays the sensor's location information
 - 2-2 Displays the occupancy ranking of the currently visible sensors
 - 2-3 Select the date range of the occupancy information that you want to view
 - 2-4 Check the longest occupied location during a day and occupancy time by location for the selected date range
- 3 Displays the occupancy time by each detailed location during the selected date
 - 3-1 The date of the occupancy is displayed
 - 3-2 Displays the occupancy time by user location

Analytics Apps > Analysis (Abnormality ranking)

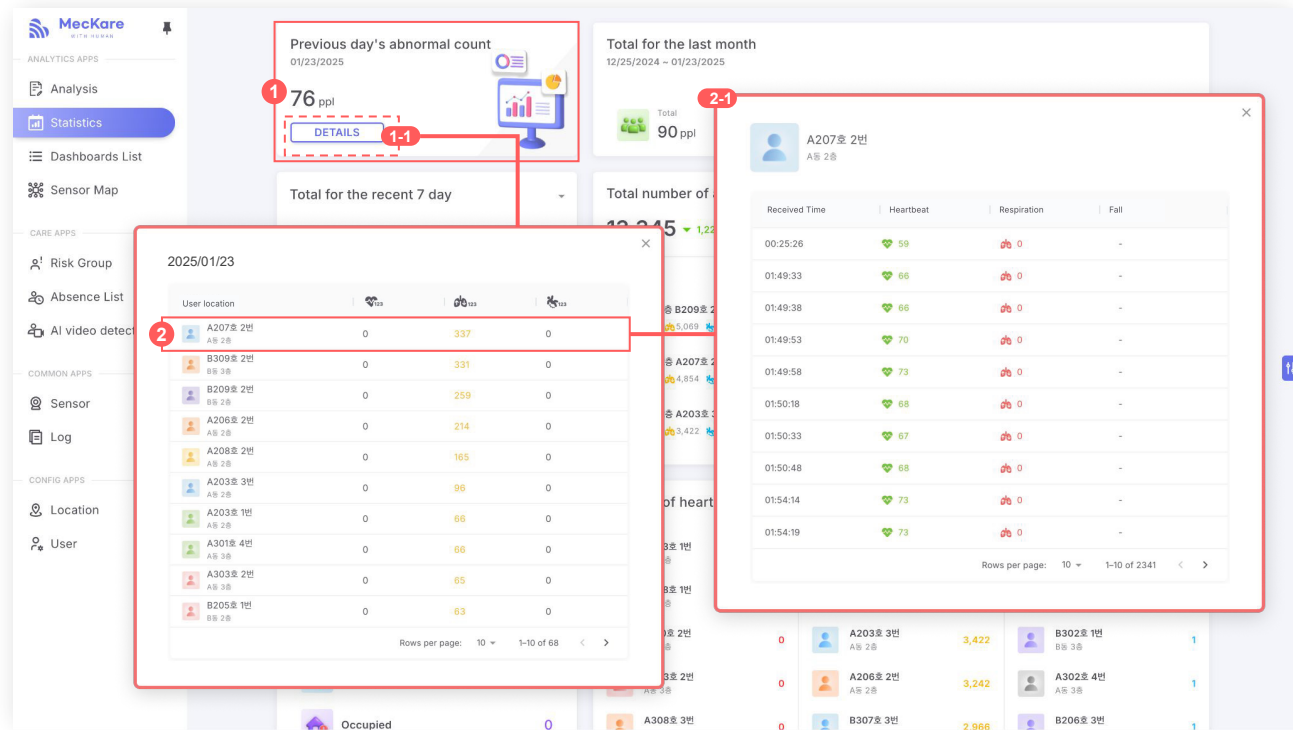


Description

- Shows the information of the top 5 people (5 sensors) with the most abnormalities (heartbeat, respiration, fall) in the selected period
- Click on the location to check the detailed occurrence history of each abnormal people
 - Indicates the sensor's location information
 - Indicates the ranking of occurrence of abnormality in the currently visible sensors
 - The date range of the abnormal occurrence history that you want to view can be selected
 - Highest and lowest heartbeat / respiration rate and the number of abnormal occurrences during a day can be checked in the selected date range. For the fall ranking, the date of occurrence and the number of fall are displayed.
- The abnormal occurrence history for the selected date can be checked here. The abnormal occurrence history is displayed in chronological order.
 - The date of occurrence of the abnormality
 - The user's heartbeat rate, respiration, fall status are displayed in chronological order. It shows in green for normal, and it shows in red for abnormal. If a fall occurs a red fall icon will appear.

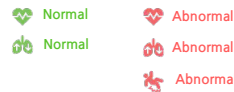


Analytics Apps > Statistics (No. of abnormality in previous day)

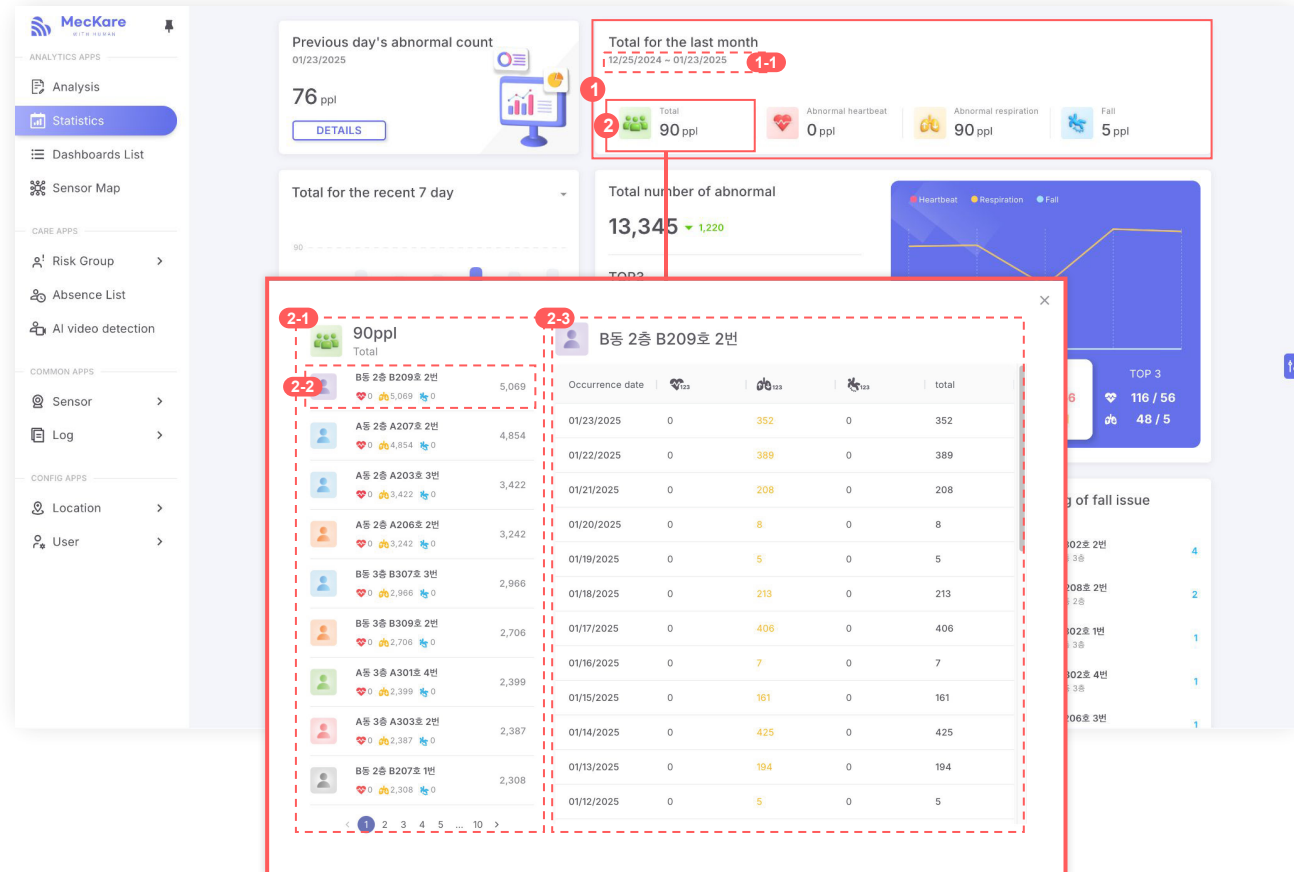


Description

- Shows the number of abnormalities that occurred in the previous day
Click the details button to check the list of abnormalities that occurred in the previous day and the number of abnormal heartbeats, respiration, fall can be checked
- The abnormal occurrence history of each people can be checked by clicking the table row that displays the location name you want to check
The user's heartbeat rate, respiration, fall status are displayed in chronological order. It shows in green for normal, and it shows in red for abnormal. If a fall occurs a red fall icon will appear.



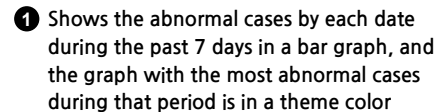
Analytics Apps > Statistics (Total in recent month)



Description

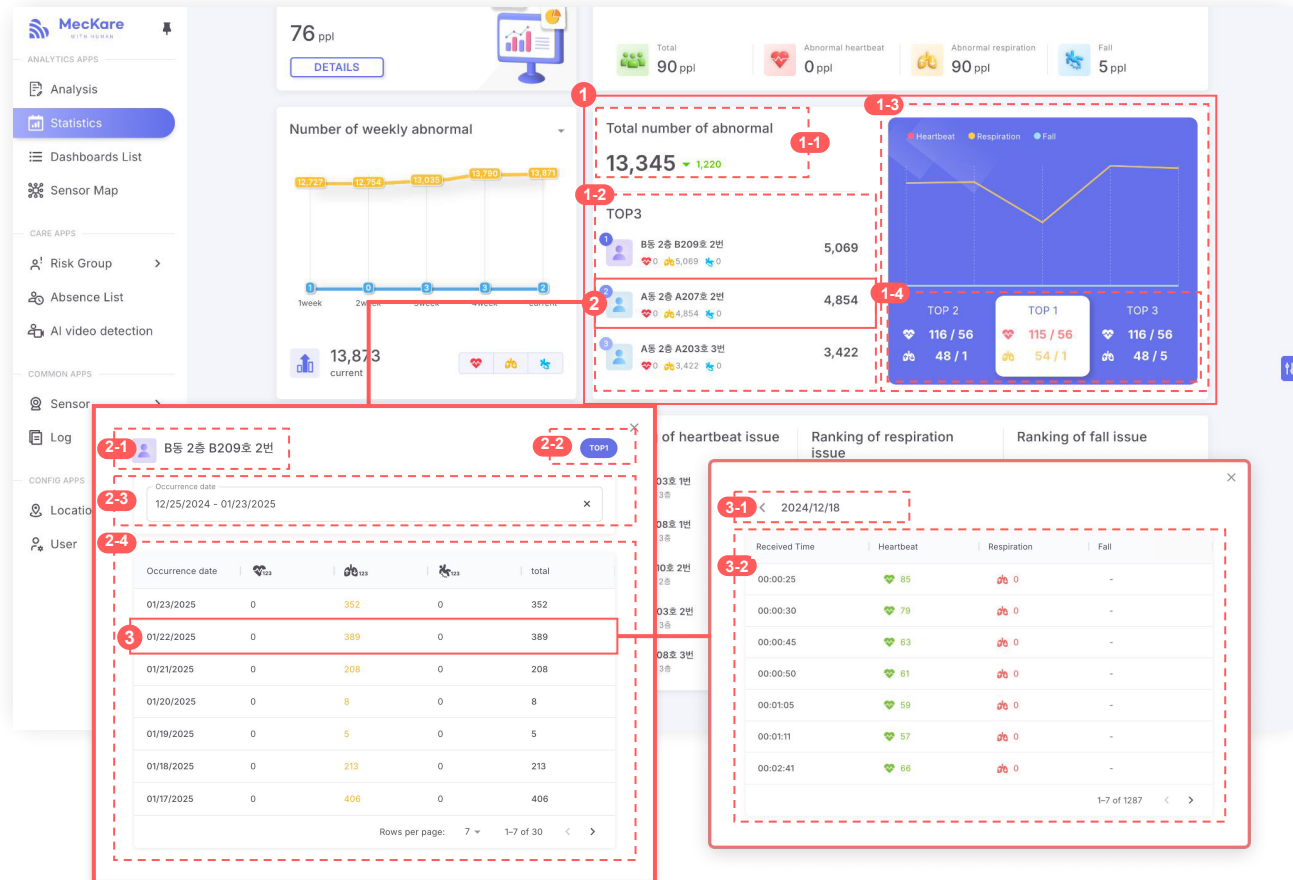
- The total number of abnormality that occurred in the past month and the number of abnormal heartbeat, respiration, fall
The date on which the information displayed is based
- A list of abnormality that occurred over the past month can be checked by clicking on total, heartbeat, respiration, fall
 - The number of abnormality and the list of abnormality for the selected category for one month are displayed. The list of abnormality is sorted by the highest number of abnormality.
 - Abnormality in heartbeat, respiration, fall, and the total number of abnormality by each individual can be checked
 - By clicking on the abnormal person(sensor), the detailed abnormality in heartbeat, respiration, fall by each date and the total number of abnormality can be checked

Description



- 1-1** Click on the title to select among
"Total for the last 7 days" and
"Number of cases over the week"
 - 1-2** Shows the highest number of abnormal
cases and the date when the highest
number of abnormal cases occurred over
the past 7 days. A pop-up list of
abnormal cases on the date with the
highest number of abnormal cases will
appear by clicking on the number of
cases.
 - 1-3** Place the mouse cursor over a bar in the
graph to see the number of abnormality
in heartbeat, respiration, fall on that
date.
- The number of abnormality that occurred
in the past month can be checked in a
weekly graph.
- The graph shows by heartbeat, respiration,
fall.
- 2-1** The week with the most abnormality in
the past month and the number of
abnormality that occurred in that week
are displayed
 - 2-2** Place the mouse over the numbers
displayed on the graph to see the number
of heartbeat, respiration, fall for that week
 - 2-3** Click on heartbeat, respiration, fall buttons
to hide or add graphs in those categories in
the weekly graph

Analytics Apps > Statistics (Total abnormal cases + Top 3)



Description

- The information of the Top 3 people (sensors) who had the most abnormality in the past month can be checked here
 - The total number of abnormal cases and the increase/ decrease in the total number of the Top 3 people compared to the previous month are displayed

Increase ▲ 2,573 Decrease ▼ 2,573
 - The Top 3 people's location, the number of abnormality in heartbeat, respiration, fall and the total are displayed
 - The Top 3 people's heartbeat, respiration, fall in the past month are shown in a graph
 - The Top 3 people's max / min rate of heartbeat, respiration in the past month. The person to be shown on the top graph can be changed by clicking on each area.
- Check detailed history for each date by clicking the location name and the number of abnormality
 - Indicates the sensor's location information
 - Indicates the ranking of the sensor
 - The date of the the abnormality occurred in the sensor can be selected
 - Abnormality in heartbeat, respiration, fall within the selected date range are displayed in chronological order
- The history of abnormality occurred on the selected date is displayed
 - The date of the abnormality occurred is displayed
 - Status in heartbeat, respiration, fall are displayed in chronological order

● Normal ● Abnormal

Analytics Apps > Statistics (High risk group)



Description

- The number of the high-risk group that occurred in the past month is displayed

* High-risk group criteria * It basically follows the criteria set by the user in the [Care App > Risk Group > List] page and generally the default value is 20 or more in abnormal occurrences

- 1-1 All high-risk groups are displayed
- 1-2 High-risk groups in heartbeat / respiration / fall / occupancy are displayed
- 1-3 Click on the category to move to the [Care App > Risk Group > List] page, which shows the list of risk groups for the clicked category

Analytics Apps > Statistics (Ranking in abnormal cases)



Description

- Shows the information of the Top 5 people with the highest number of abnormality by each category within the past month
 - Top 5 people with most cases in heartbeat
 - Top 5 people with most cases in respiration
 - Top 5 people with most cases in fall
- Click on the location of the person or the number of abnormality to check the detailed history of abnormality in the heartbeat, respiration, fall
 - Indicates the sensor's location information
 - Indicates the ranking of the sensor
 - The date of the the abnormality occurred in the sensor can be selected
 - The number of abnormal occurrences and max / min values by each day in the selected date range can be checked here. In fall ranking, the date of fall and the number of fall are displayed
- The history of the abnormality occurred for the selected date can be checked here. The history is displayed in chronological order.
 - Shows the date of abnormality occurrence
 - Heart rate / respiration / fall status are displayed in chronological order.

● Normal ● Abnormal

Analytics Apps > Dashboard List

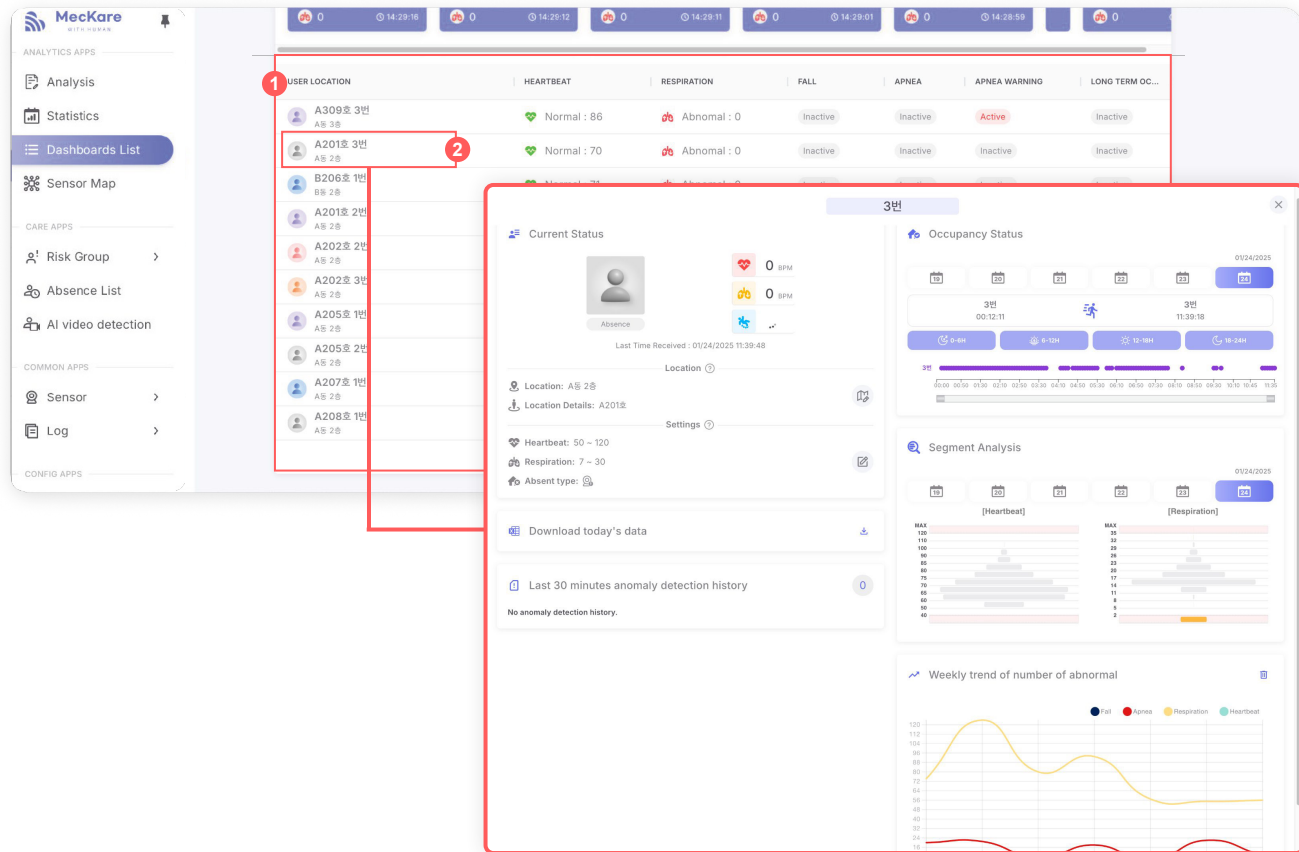
The screenshot shows the Mckare Analytics Apps Dashboard List. The interface is divided into a sidebar and a main content area. The sidebar contains navigation options for Analytics Apps (Analysis, Statistics, Dashboards List, Sensor Map), Care Apps (Risk Group, Absence List, AI video detection), Common Apps (Sensor, Log), and Config Apps (Location, User). The main content area features summary cards for Abnormal total (1,007), Abnormal heartbeat (0), Abnormal respiration (1,007), and Fall (0). Below these are filters for Select Category (Large, Medium, Small) and a REFRESH button. A search bar is also present. The main data section displays a list of sensors with columns for User Location, Heartbeat, Respiration, Fall, Apnea, Apnea Warning, and Long Term Occurrence. A scroll bar is visible on the right side of the sensor list.

USER LOCATION	HEARTBEAT	RESPIRATION	FALL	APNEA	APNEA WARNING	LONG TERM OC...
B202호 1번 B2호 2층	Normal : 69	Abnormal : 0	Inactive	Active	Inactive	Inactive
B201호 2번 B2호 2층	Normal : 82	Abnormal : 0	Inactive	Inactive	Inactive	Inactive
A201호 2번 A2호 2층	Normal : 61	Normal : 15	Inactive	Inactive	Inactive	Inactive
A202호 2번 A2호 2층	Normal : 71	Normal : 20	Inactive	Inactive	Inactive	Inactive
A202호 3번 A2호 2층	Normal : 67	Normal : 16	Inactive	Inactive	Inactive	Inactive
A205호 1번 A2호 2층	Normal : 65	Normal : 17	Inactive	Inactive	Inactive	Inactive
A205호 2번 A2호 2층	Normal : 72	Normal : 15	Inactive	Inactive	Inactive	Inactive
A207호 1번 A2호 2층	Normal : 73	Normal : 21	Inactive	Inactive	Inactive	Inactive
A208호 1번 A2호 2층	Normal : 79	Normal : 16	Inactive	Inactive	Inactive	Inactive
A209호 1번 A2호 2층	Normal : 76	Normal : 21	Inactive	Inactive	Inactive	Inactive

Description

- 1 Abnormality in heartbeat, respiration, fall that occurred on the day, as well as the increase or decrease in the number of abnormality compared to the previous day can be checked here.
- 2 By selecting location information the list of sensors that belongs to that location can be checked. If not selected, the list of sensors linked to the logged-in account will be displayed.
- 3 Search the sensor list again (Refresh)
- 4 Search the user's location information by using keywords. If there is no words, all sensors linked to the logged-in account will be displayed .
- 5 Shows the history of the notifications. Notification history disappears from the history window 24 hours after the notification occurred.
 - 5-1 Click the notification card to hide / show the card
 - 5-2 When a certain number of notifications are accumulated, a scroll appears below the notification area and the all previous notifications can be checked by scrolling down.
- 6 A list of sensors linked to the account is displayed. Sensors that are turned off or not connected can be checked in the [General Apps > Sensors > List] page .

Analytics Apps > Dashboard List (List)



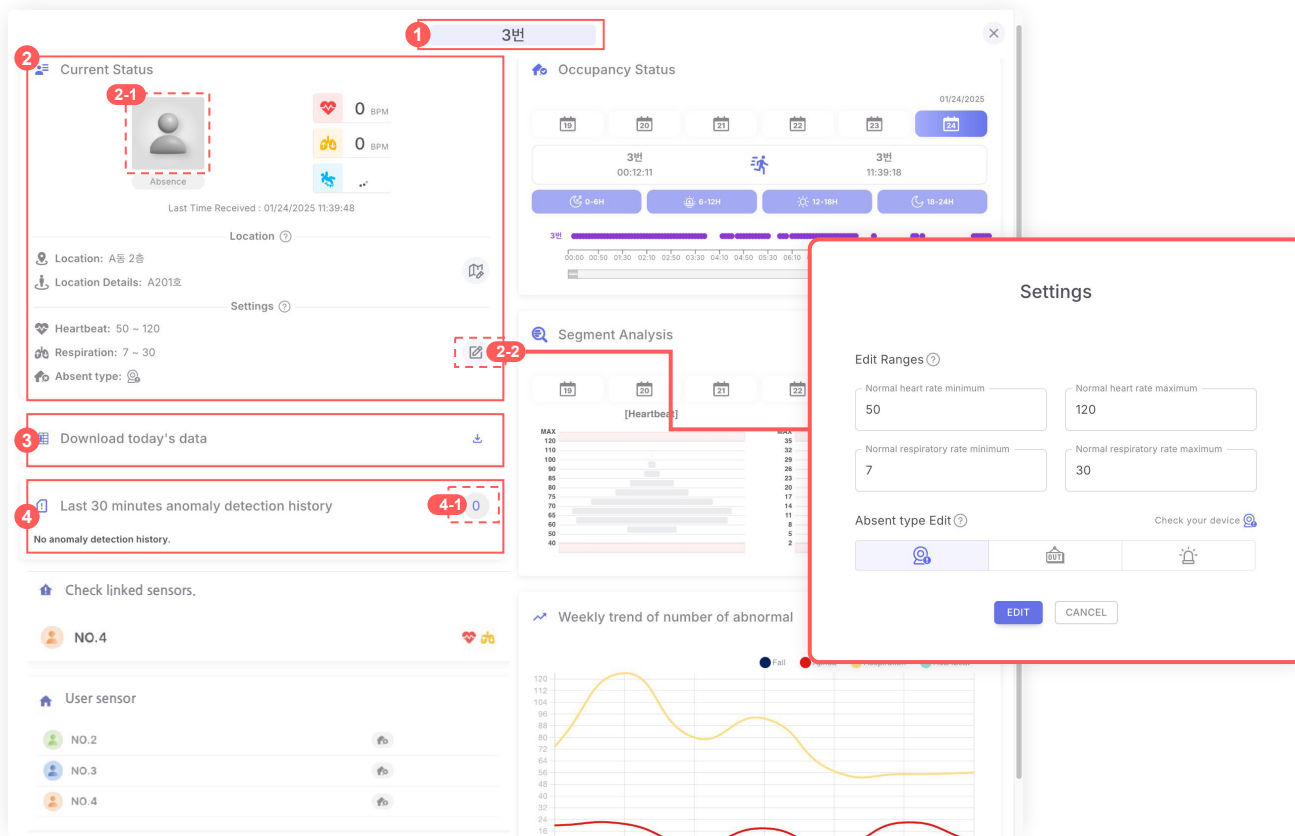
Description

- 1 Data gets updated every 15 seconds, and if any issue occurs the sensor will be displayed on the top line

- User Location : Sensor's location
- Heartbeat : Heartbeat status and current rate
- Respiration : Respiration status and current rate
- Fall : Display as "Active" when a fall occurs
- Apnea : Display as "Active" when apnea occurs
- Apnea warning : Display as "Active" when warning occurs
- Long-term occupancy : Displayed as "Active" when occupancy occurs for a long time

- 2 Click on user's location information to see detailed information in a pop-up

Analytics Apps > Dashboard List (Detailed Pop-up 1)



Description

1 Indicates the sensor name. The sensor name can be changed by clicking. * For better management of sensors, please change the sensor name after discussing with the relevant organization and administrator.

2 Indicates the current status of the sensor and the detailed information of the sensor can be checked or modified
*Currently the data gets updated every 15 seconds

2-1 Click to change the profile image

2-2 Click to set normal range of the sensor's heartbeat / respiration and set absence icons to be displayed at that location when absent for more than 30 minutes

- Check your device
- Seems like the person left
- Check for danger

3 Click to download the abnormal data detected on the day in an Excel file

4 If an abnormality is detected within 30 minutes from the current time, the occurrence history will be shown as below

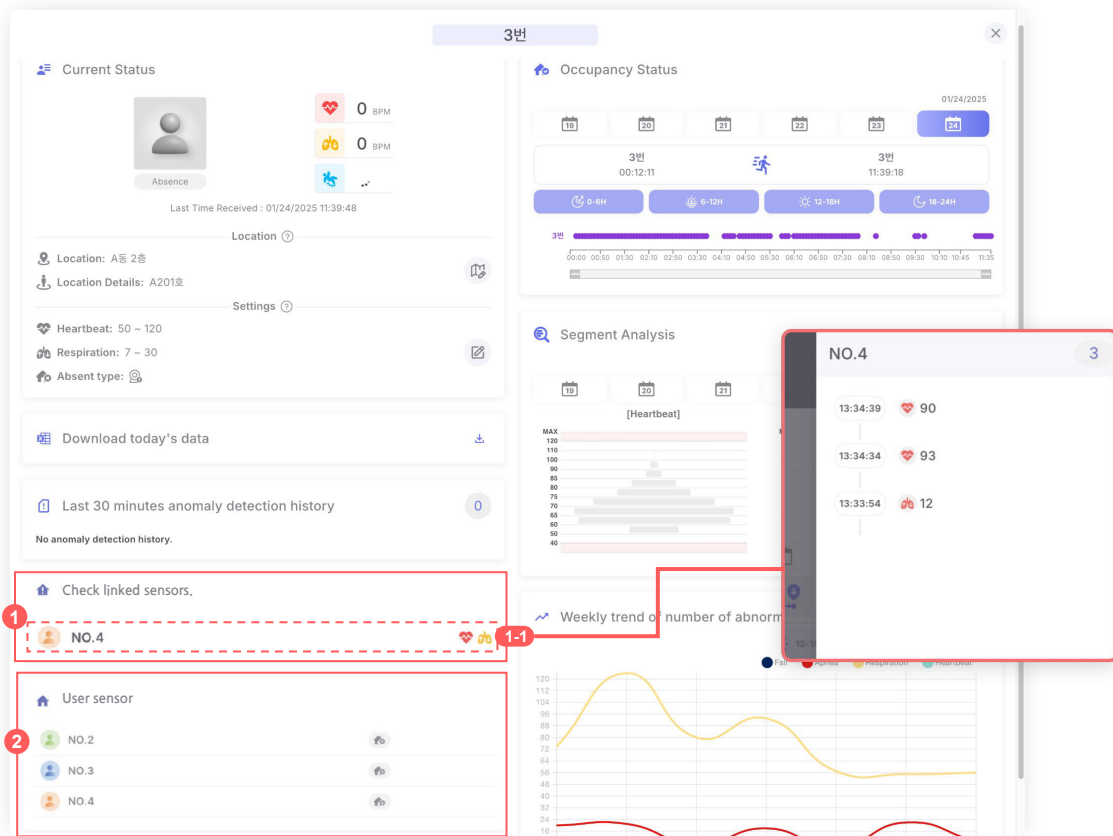
15:09:44 7

15:08:38 7

15:05:54 7

4-1 The number of abnormal cases that occurred within 30 minutes is displayed

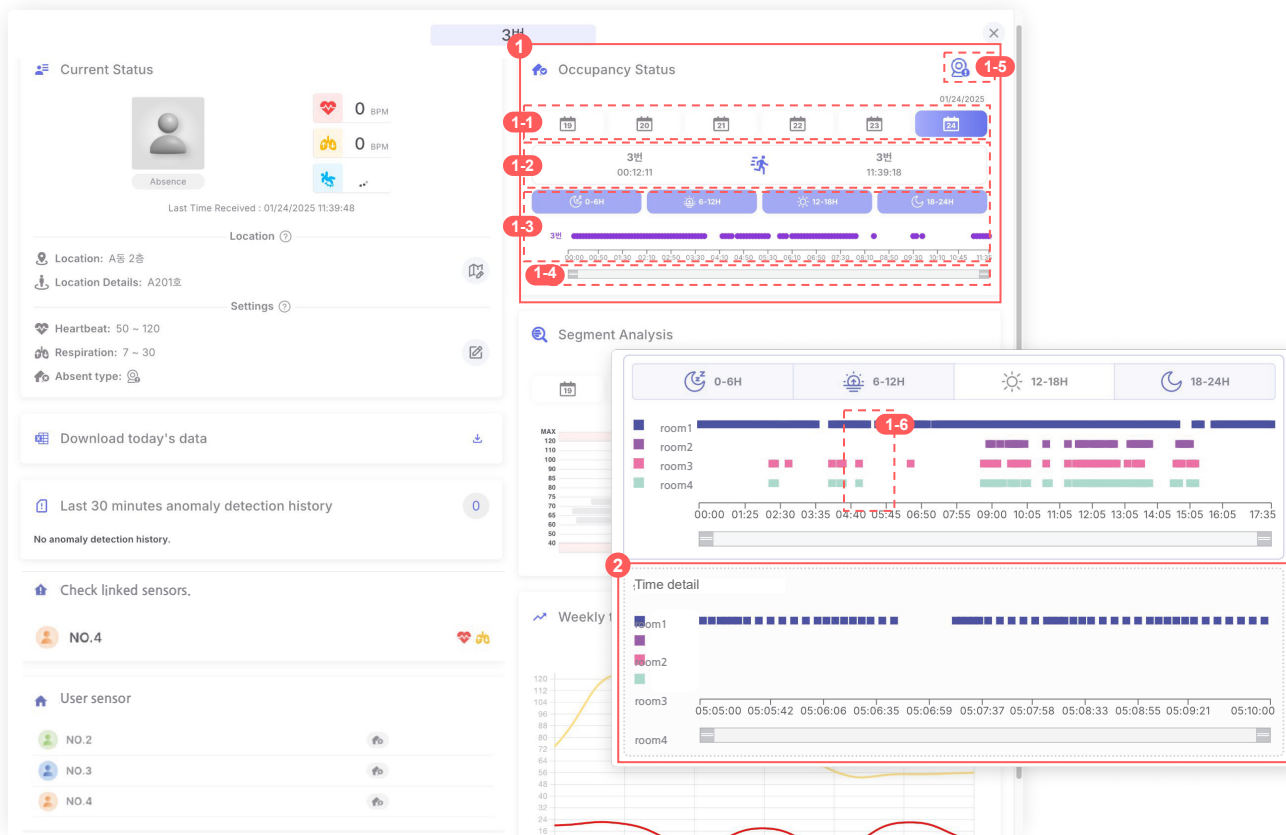
Analytics Apps > Dashboard List (Detailed Pop-up 2)



Description

- 1 If any sensors linked in the same location detects an abnormality within 30 minutes from the current time, the name of the sensor and the category will be displayed in icons.
* Does not display if there is no detection history
- 2 Shows a list of sensors linked in the same location and the current status of each sensor. Data gets updated every 15 seconds, and if there are no other sensors in the same location nothing will appear. The location (sensor) which is present will be displayed first.

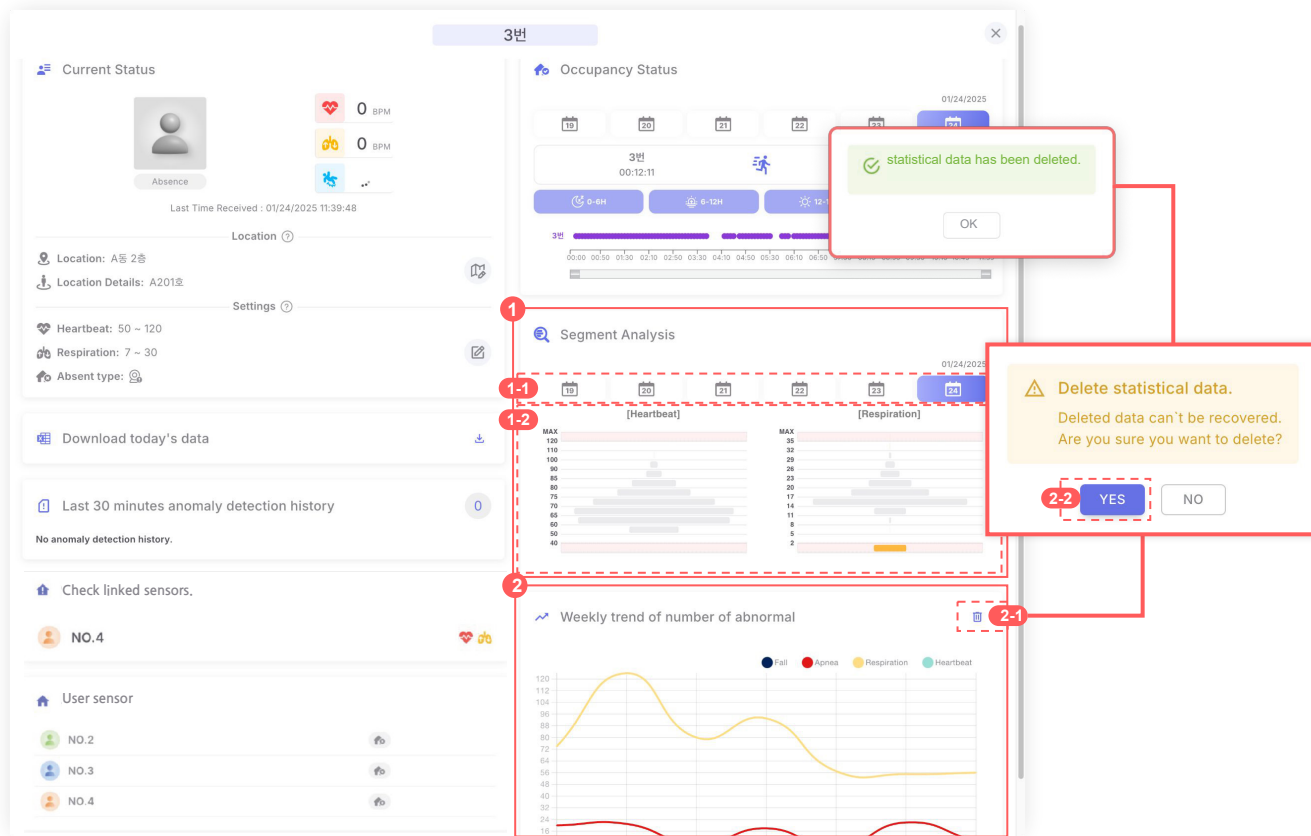
Analytics Apps > Dashboard List (Detailed Pop-up 3)



Description

- 1 Shows the user's occupancy status by location. The colored sections on the chart indicate that the user was at that location at that time.
*The time zone may not appear due to unstable network, disconnected sensor etc.
- 1-1 Click the date button to show the occupancy status for the desired date. The date can be selected from 5 days before to current date.
* If today is the 17th, the data can be viewed from 12th, 13th, 14th, 15th, 16th and 17th .
- 1-2 The first and last present locations from 00:00 (12:00 midnight) to the current time on the same date are displayed
- 1-3 The occupancy status of the desired time zone can be checked by clicking on each time zone button. If it is colored, it is selected and the selected time zone will be displayed on the chart.
- 1-4 The time period you want to display on the graph can be set by moving the square buttons on either side of the slide
- 1-5 If absent for 30 minutes, the absence category set in the area will be displayed in an icon
- 1-6 Click on the occupancy status graph to check the detailed graph for the clicked time period
- 2 The occupancy status for the time zone clicked in 1-6 is displayed in chronological order

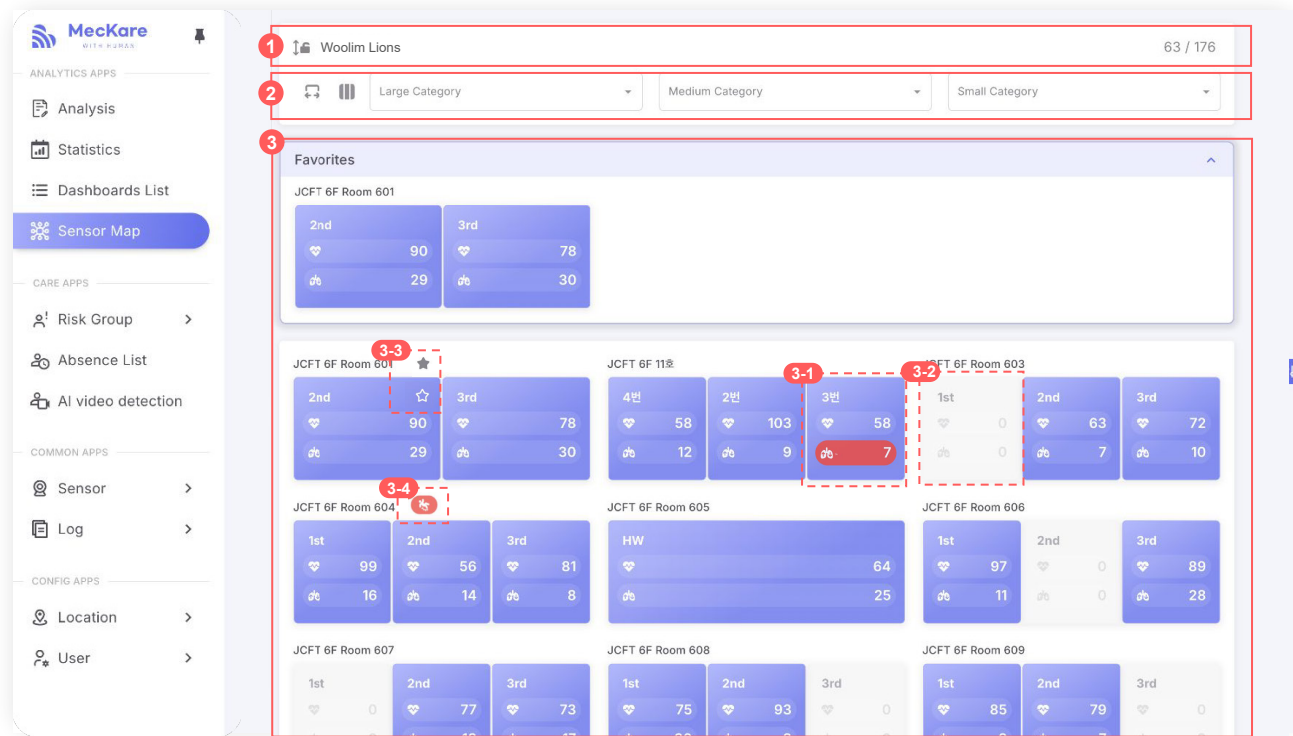
Analytics Apps > Dashboard List (Detailed Pop-up 4)



Description

- 1 Daily data of heartbeat, respiration rate detected by each level is displayed
 - 1-1 Clicking the date button will display data for each level for the selected date. Dates can be selected from 5 days before to current date.
 - 1-2 The number of detection for heart BPM / respiration rate is displayed in a bar graph format. The red areas at the top and bottom of the chart indicate abnormal data.
- 2 The trend of the number of abnormality detected in fall / apnea / respiration / heartbeat over the past 7 days is displayed in a graph
 - 2-1 Deletes statistical data from the sensor
 - 2-2 Click "Yes" to delete all statistical data

Analytics Apps > Sensor Map (All)



Description

- 1 The organization information of the logged-in user is displayed and the number on the right shows the number of registered sensors currently in operation. Click the number to move to [Sensor > List] page.
 - 2 If the category of the sensor location is selected, only the sensors in the location will be displayed
 - 3 The current status of the sensor can be checked in separated zones in card format. When the number of sensor cards exceeds a certain number a scroll appears and all sensors can be checked by moving the scroll.
 - *The zones are sorted in alphabetical order by **sensor name**
 - * Data gets updated at every 15-seconds
- 3-1** When data is detected by the sensor, it will blink in selected theme color. If there is an abnormality, the category (heartbeat, respiration) will be displayed in red.
- 3-2** If no one is detected, it will appear in gray
- 3-3** Place the mouse over a sensor card or zone name, then a ☆ will appear and if you click on it the card will be pinned to the favorites. To remove the favorites, use the same method by placing the mouse over a card or zone name in the favorites area, then a ★ will appear and if you click on it the favorites will be removed.
- 3-4** If a fall occurs, a icon will appear on the sensor. Place the mouse over the fall icon to check the detailed location where the fall occurred.

Analytics Apps > Sensor Map (Additional Features)

The screenshot shows the Mckare Sensor Map interface. On the left is a sidebar menu with sections: ANALYTICS APPS (Analysis, Statistics, Dashboards List, Sensor Map), CARE APPS (Risk Group, Absence List, AI video detection), COMMON APPS (Sensor, Log), and CONFIG APPS (Location, User). The main area displays a grid of sensor cards for various rooms. Callouts indicate: 1. Filter icon and 'Woolim Lions' text; 2. Filter icon; 3. Filter icon and 'Large Category' dropdown; 4. Filter icon and 'Medium Category' dropdown. A 'Favorites' section at the top right shows a list of rooms with their sensor data.

Room	Sensor Type	Value
JCFT 6F Room 601	2nd	90
	3rd	78
	2nd	29
	3rd	30
JCFT 6F Room 601	2nd	90
	3rd	78
	4번	58
	2번	103
	3번	58
	1st	0
JCFT 6F Room 601	2nd	63
	3rd	72
	1st	0
	2nd	7
	3rd	10
	1st	0
JCFT 6F Room 604	1st	99
	2nd	56
	3rd	81
	HW	64
	1st	11
	2nd	0
JCFT 6F Room 605	1st	97
	2nd	0
	3rd	89
	1st	85
	2nd	79
	3rd	0
JCFT 6F Room 607	1st	0
	2nd	77
	3rd	73
	1st	75
	2nd	93
	3rd	0
JCFT 6F Room 608	1st	85
	2nd	79
	3rd	0
	1st	85
	2nd	79
	3rd	0

Description

- 1 Enable / Disable scroll lock. When scroll lock is disabled, the screen will scroll to show the sensor card that caused the notification every time when an abnormal notification occurs.

Scroll lock disabled
Moves to the screen where abnormality occurred

Scroll lock enabled
Doesn't move to the screen

- 2 The Sensor Map page appears wider. The left menu gets simplified and Sensor Map page can be viewed in full screen.

Set width (View the screen wider)
The left menu gets simplified and the content area becomes wider.

Set Width (Return to normal screen)
Return to original width

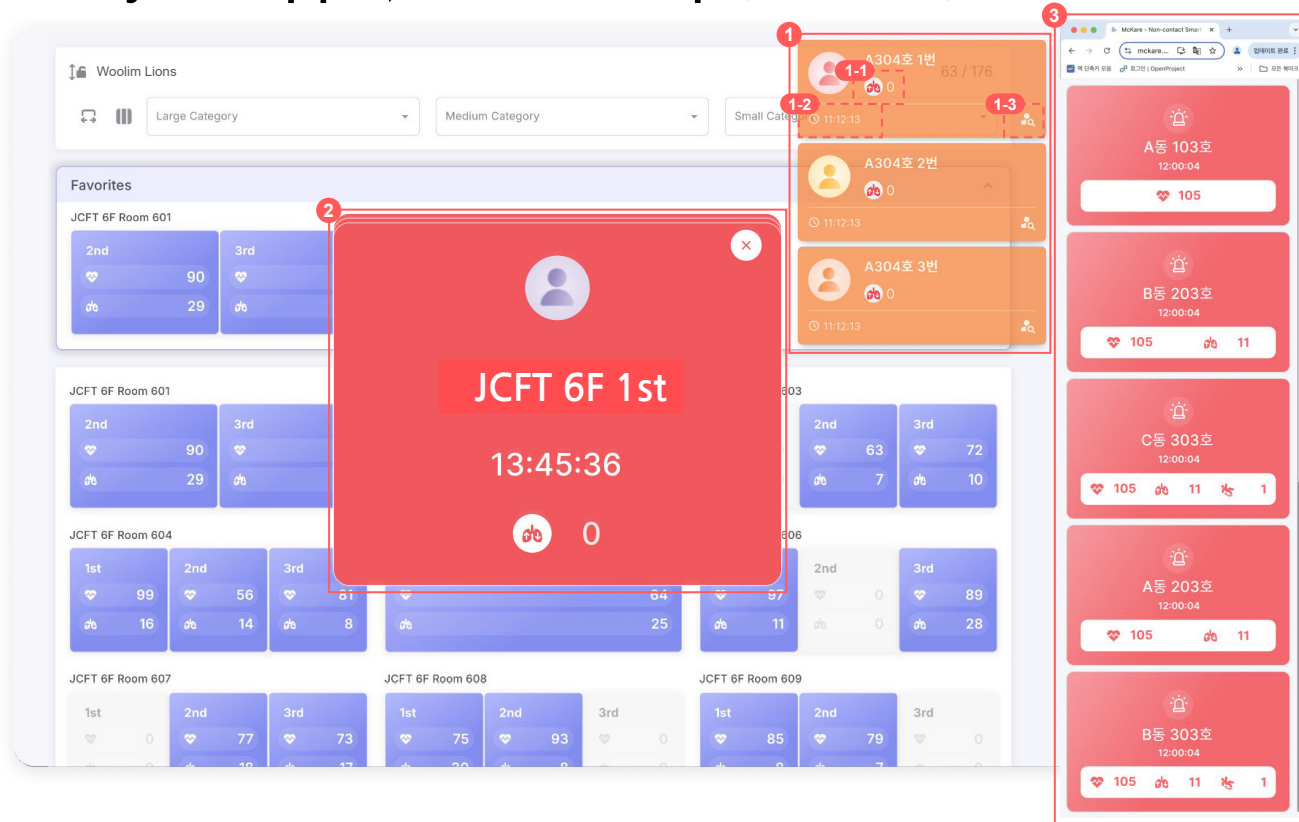
- 3 The number of sensor map card zones that appears in one line can be adjusted. Up to 4 is available and the default number is 3.

JCFT 6F Room 601 ☆

2nd	☆	3rd	
♥	107	♥	0
👤	27	👤	0

- 4 You can hide / show the Favorites area

Analytics Apps > Sensor Map (Notification)



Description

- 1 If an abnormality is detected in the sensor, a notification will appear in the upper right corner. The pop-up window will disappear when you click it or after 1 minute.
 - 1-1 The category and value of the abnormality are displayed
 - 1-2 The time that the abnormality occurred is displayed
 - 1-3 Clicking the icon and sensor name will display a pop-up with detailed information about the sensor
- 2 [Notifications > Persistent Notifications] on the Settings page will display the abnormality when detected. Click the X button to close the pop-up, and the pop-up will remain until you press the X button.
- 3 When an abnormality is detected, notification pop-ups will be displayed from the upper right and the notification settings can be changed on the [Settings > Notifications] page.

The maximum number of pop-ups is 50 and if it exceeds 50, the first pop-up will disappear.

Pop-up will remain until you exit the sensor map screen

Care Apps > Risk Groups List

The screenshot shows the 'Risk Group List' interface in the MecKare application. The interface includes a sidebar with navigation options and a main content area with a table of risk groups. Numbered callouts 1 through 4 highlight specific features: 1 points to the 'Total' row, 2 points to the date range filter, 3 points to the search bar, and 4 points to the table header.

Analytics Apps: Analysis, Statistics, Dashboards List, Sensor Map

Care Apps: Risk Group (selected), Absence List, AI video detection

Common Apps: Sensor, Log

Config Apps: Location, User

Risk Group List Table:

Total	Heartbeat	Respiration	Fall	Occupied	User location	Level	1	3	0	-
2 ppl	2 ppl	1 ppl	0 ppl	0 ppl	Room 603 1st JCFY 8F	Low	1	3	0	-
0 ppl	0 ppl	0 ppl	0 ppl	0 ppl	11호 3번 JCFY 8F	Low	2	0	0	-

Rows per page: 15 1-2 of 2

Risk Level Standard Setting:

- High: 20+ cases or occupancy warning
- Mid: 11 to 19 cases
- Low: 10 cases or fewer

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Description

- 1 The total number of abnormal people that belongs to the risk group during the search period and the number of abnormal people by abnormal category can be checked. The list of risk groups can be checked by selecting each item.
- 2 Select a date range that you want to view the risk group list. Search by selecting the starting, ending date. As for the starting date, up to 1 month prior to the current date can be selected.
- 3 When you enter a keyword, information on abnormality that includes the word will be displayed. However, if you enter a number in the window the name of the location that includes the entered number or the number of abnormality which is equal or higher than the entered number will be searched. * If "15" is entered, the name locations that include 15 (ex: Building A, No. 15) or abnormality that occurred 15 or more times will be searched.
- 4 A list of people in the risk group is displayed according to the search conditions

- User Location : Displays the location of the sensor
 - Risk Level : The risk status of the person according to the risk criteria -
 - Number of Abnormal heartbeat : The number of abnormal heartbeat rates that occurred within the selected date range (Criteria for abnormal heartbeat :
 5 or more consecutive cases per minute → 1 case)
 - Number of Abnormal respiration : The number of abnormal respiration that occurred within the selected date range (Criteria for abnormal respiration :
 5 or more consecutive cases per minute → 1 case)
 - Number of Fall : Fall cases within the selected date range (Criteria for falls : 1 or more cases per minute → 1 case)
 - Presence Status : Indicates whether the user is alerted of their presence. If the presence alert status is active, a red presence alert icon is displayed.

Care Apps > Risk Group List (Risk Group Criteria Setting)

The screenshot shows the MecKare Risk Group List interface. The left sidebar contains navigation options: ANALYTICS APPS (Analysis, Statistics, Dashboards List, Sensor Map) and CARE APPS (Risk Group, Absence List, AI video detection). The Risk Group List is currently selected, showing a table of user locations and their risk levels. The table has columns for User location, Level, and various sensors (Heartbeat, Respiration, Fall, Occupied). The data shows two users: Room 603 1st JCFY 8F (Low risk) and 11호 3번 JCFY 8F (Low risk).

Annotations for the Risk Level Standard Setting process:

- 1**: Risk Level Standard Setting button in the left sidebar.
- 1-1**: Risk Level Standard Setting pop-up window showing the current settings: High (20+ cases or occupancy warning), Mid (11 to 19 cases), and Low (10 cases or fewer).
- 1-2**: Settings icon in the top right corner of the table.
- 1-3**: Low standard input field (value 10).
- 1-4**: High standard input field (value 20).
- 1-5**: EDIT button to save the changes.

A green message box at the bottom states: "Settings have been saved successfully." with an OK button.

Description

- The risk level criteria can be checked.
The risk level criteria of heartbeat, respiration, fall can be set by using the settings button on the right, but in the case of **occupancy warning** it has the highest risk level so the risk level criteria that has been set will not be applied.
- Clicking the Settings icon will display the Risk Level Criteria Settings pop-up .
 - Place the mouse over will pop-up a description of the risk zone criteria.
- Enter a low-risk ending value. If the number of abnormality is less than or equal to the entered value, it will be classified as low-risk. *The low-risk ending value must be lower than the high-risk starting value and only numbers can be entered.
- Enter a high-risk starting value. If the number of abnormality exceeds the entered value, it will be classified as high-risk.
*The high-risk starting value must be higher than the low-risk starting value, and only numbers from 1 to 999 can be entered .
- If the entered values is saved, the Modify button will be activated. Clicking the Modify button will save the final risk criteria you set.

Care Apps > Risk Group List (Details of abnormal person)

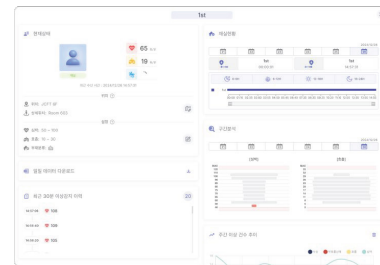
The screenshot shows the 'Risk Group List' interface in the MecKare application. The interface includes a sidebar with navigation options like 'Analysis', 'Statistics', 'Dashboards List', 'Sensor Map', 'Risk Group', 'List', 'Absence', 'AI video', 'Sensor', 'Log', 'Location', and 'User'. The main area displays a table of risk groups with columns for 'User location', 'Level', and various sensor status icons (Heartbeat, Respiration, Fall, Occupied). A red box labeled '1' highlights the 'Room 603 1st' entry. Another red box labeled '2' highlights the row for 'Room 603 1st'. Two callouts, '2-1' and '2-2', point to detailed pop-up screens. Callout '2-1' shows a detailed view of the 'Room 603 1st' entry, displaying a table of sensor data (Heartbeat, Respiration, Fall) over time. Callout '2-2' shows a detailed view of the 'Room 603 1st' entry, displaying a table of sensor data (Heartbeat, Respiration, Fall) over time.

Received Time	Heartbeat	Respiration	Fall
00:00:19	110	21	-
00:01:05	66	7	-
00:02:12	97	9	-
00:02:17	104	8	-
00:02:43	102	12	-
00:02:53	84	9	-
00:03:08	109	8	-
00:03:13	106	22	-
00:03:39	110	21	-
00:03:44	58	9	-

Occurrence date	Heartbeat	Respiration	Fall
2024/12/19	16	6	0
2024/12/18	16	5	0
2024/12/17	10	1	0

Description

- 1 Clicking the sensor name (Location name) will show a detailed pop-up screen that is identical to the list analysis screen as below.



- 2 Clicking on a table row will show the abnormality detection history.

- 2-1 If the received date is set for only one day, heartbeat / respiration / fall status history by each hour on that day can be checked ex) If only one day is set , such as 2024/12/24, the status history by each hour on that day is displayed
- 2-2 If the received date is set for 2 days or more, you can check the daily heartbeat / respiration / fall status history between the start date and the end date ex) If 2 or more days are set, such as 2024/12/12 - 2024/12/13, the daily status history from the 12th to the 13th is displayed

Care Apps > Risk Group List (Presence Warning)

The screenshot displays the MecKare Risk Group List interface. The left sidebar contains navigation options under 'ANALYTICS APPS', 'CARE APPS', 'COMMON APPS', and 'CONFIG APPS'. The main area shows a 'Risk Group List' table with columns for 'Received Date', 'Search for words', 'User location', 'Level', and occupancy counts. A red box highlights a button with a fire icon and the number '1' in the table header. Below the table, a 'Risk Level Standard Setting' section shows three levels: High (20+ cases or occupancy warning), Mid (11 to 19 cases), and Low (10 cases or fewer). A pop-up window titled 'Occupancy status' for 'Room 610 VIP1 JCF 6F' shows a calendar view with a red '1-1' marker on the 27th and a detailed timeline chart for various areas (Area1 to Area10) from 00:00 to 14:40.

Description

1 When an occupancy warning occurs, the occupancy warning details button will be displayed to the person, and clicking it will allow the person to check the occupancy details for the past 9 days.

When an occupancy warning occurs, a siren icon is displayed on that date. By comparing the occupancy status on the date the occupancy warning occurred with the previous day and the next day, you can check the user status more accurately.

Care Apps > Absence List

The screenshot shows the Meckare Care Apps interface. On the left is a sidebar menu with categories: ANALYTICS APPS (Analysis, Statistics, Dashboards List, Sensor Map), CARE APPS (Risk Group, Absence List, AI video detection), and COMMON APPS (Sensor, Log). The 'Absence List' is selected. The main area displays a table of absence records. A top filter bar includes a date selector (18-23) and an 'ADD CONDITION' button. A table lists locations, absence times, final locations, and types. A detailed view for '101동 1111호' shows occupancy status, a timeline of presence/absence, and occupancy statistics for four sensors (화장실, 안방, 작은방, 현관).

1 The absence list can be viewed by selecting the elapsed time

1-1 you click the Add Condition button on the right consecutively, detailed search is available by selecting the date (from 5 days before to the current day) and absence classification type

2 The absence list is displayed in chronological order, starting with the user who has been absent for the longest time. Last Location is the location where the user was present at last and the absence type that is set in the last location is displayed.

2-1 You can search the list by selecting "Entry" or "No Entry" icon. If you select "No Entry" you can check the last absence location.

2-2 If you click on a sensor name, detailed information about the sensor will be displayed in a pop-up

2-3 If you click on a table row, the presence details of the person (sensor) will be displayed in the right part

3 The occupancy status and statistical information of the sensor are displayed

3-1 The first and last locations the person was in each day are displayed

3-2 The locations the person was present at are displayed in chronological order on the graph. If the sensor is off or disconnected, the period will not be displayed

3-3 The time of occupancy for each sensor and the elapsed time from the last occupancy time to the present are displayed, and it's displayed in order of most recent occupancy.

3-4 Select each sensor (location) to check the presence and absence history in time order

Description

- The absence list can be viewed by selecting the elapsed time
 - you click the Add Condition button on the right consecutively, detailed search is available by selecting the date (from 5 days before to the current day) and absence classification type
- The absence list is displayed in chronological order, starting with the user who has been absent for the longest time. Last Location is the location where the user was present at last and the absence type that is set in the last location is displayed.
 - You can search the list by selecting "Entry" or "No Entry" icon. If you select "No Entry" you can check the last absence location.
 - If you click on a sensor name, detailed information about the sensor will be displayed in a pop-up
 - If you click on a table row, the presence details of the person (sensor) will be displayed in the right part
- The occupancy status and statistical information of the sensor are displayed
 - The first and last locations the person was in each day are displayed
 - The locations the person was present at are displayed in chronological order on the graph. If the sensor is off or disconnected, the period will not be displayed
 - The time of occupancy for each sensor and the elapsed time from the last occupancy time to the present are displayed, and it's displayed in order of most recent occupancy.
 - Select each sensor (location) to check the presence and absence history in time order

Common Apps > Sensors (List - 1)

The screenshot shows the 'Sensors' list page in the Mckare application. The interface includes a sidebar with navigation options and a main content area with a filter section and a data table.

Filter Section:

- 1** Select Condition: Reception Status (dropdown menu)
- 2** Issued Date (text input field)
- 3** Search for words (text input field)

Data Table:

	CODE	USER LOCATION	MAC ADDRESS	ISSUED DATE	OPERATION STATE
4	#JCFB0600100D03	호주 1차_121-130 NO.3 @JCFI QA	B8D61A44D80C	06/11/2024	Inactive
	#JCFB0600100410	호주 1차_31-40 NO.10 @JCFI QA	7 64B70837B158	11/28/2024	Inactive
5	#JCFB0600100603	호주 1차_51-60 NO.3 @JCFI QA	10061C8045E8	06/11/2024	Inactive
	#JCFB0600100707	호주 1차_61-70 NO.7 @JCFI QA	10061C8064F4	06/11/2024	Inactive
6	#JCFB0600100802	호주 1차_71-80 NO.2 @JCFI QA	E465B8E62508	06/11/2024	Inactive
	#JCFB0600100901	호주 1차_81-90 NO.1 @JCFI QA	B8D61A4063B4	06/11/2024	Inactive
	#JCFB0600100A06	호주 1차_91-100 NO.6 @JCFI QA	B8D61A4A7B3C	06/11/2024	Inactive
	#JCFB0600100B06	호주 1차_101-110 NO.6 @JCFI QA	64B70837BC64	06/11/2024	Inactive
	#JCFB0600100C05	호주 1차_111-120 NO.5 @JCFI QA	B8D61A482F64	06/11/2024	Inactive
	#JCF08F0005001	Room 805 1st @JCFI BF	B8D61A44AF11	09/04/2023	Inactive

Rows per page: 10 ▾ 1-10 of 176 < >

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Description

- 1 Select the reception status to view. "Success" or "Failure" status can be selected and when selected a list according to the status will be displayed.
- 2 Search by selecting the sensor registration date. Select the start, end date and if you select a date, a list based on that date is displayed.
- 3 If you enter a keyword, a list of sensor information that includes the keyword is displayed ex) When you enter "604" in the word search box, all lists that include "604" are displayed
- 4 The icons that indicate whether sensor data is being received and their status are as follows :

Received successfully

Receiving failed
- 5 This means the sensor's unique code. If a sensor error occurs, you can quickly resolve the issue by sending the code value to the admin.
- 6 Indicates the installation location of the sensor, and the gray text starting with @ indicates the upper installation location.
- 7 This indicates the MAC address of the sensor hardware device. If a sensor error occurs, you can quickly resolve the issue by sending the sensor code to the admin.

Common Apps > Sensors (List - 2)

Select Condition

Reception Status Issued Date

Search for words

	CODE	USER LOCATION	MAC ADDRESS	ISSUED DATE	OPERATION STATE
	#JCFB0600100D03	호주 1차_121-130 NO.3 @JCFI QA	B8D61A44D80C	06/11/2024	Inactive
	#JCFB0600100410	호주 1차_31-40 NO.10 @JCFI QA	64B70837B158	11/28/2024	Inactive
	#JCFB0600100603	호주 1차_51-60 NO.3 @JCFI QA	10061C8045E8	06/11/2024	Inactive
	#JCFB0600100707	호주 1차_61-70 NO.7 @JCFI QA	10061C8064F4	06/11/2024	Inactive
	#JCFB0600100802	호주 1차_71-80 NO.2 @JCFI QA	E465B8E62508	06/11/2024	Active
	#JCFB0600100901	호주 1차_81-90 NO.1 @JCFI QA	B8D61A4063B4	06/11/2024	Inactive
	#JCFB0600100AD6	호주 1차_91-100 NO.6 @JCFI QA	B8D61A4A7B3C	06/11/2024	Inactive
	#JCFB0600100B06	호주 1차_101-110 NO.6 @JCFI QA	64B70837BC64	06/11/2024	Inactive
	#JCFB0600100C05	호주 1차_111-120 NO.5 @JCFI QA	B8D61A482F64	06/11/2024	Inactive
	#JCF08F0005001	Room 805 1st @JCFI BF	B8D61A44AF11	09/04/2023	Inactive

Rows per page: 10 1-10 of 176

Description

1 The registration date of the sensor is displayed.
Registration dates are in the order of month / day / year .

2 Indicates the sensor reception status.
The status is displayed as below.

Active Sensor connected : Inactive :connected

3 Set the number of rows on the list. The default number is 10 and the maximum number can be set up to 50.

4 The number of rows in the list and the number of rows that can be checked by clicking > on the current page are displayed. Click the < and > buttons to move to the previous or next list. ex) If the number of displayed lists is set to 10, it will be displayed as 1-10, and if there are 170 lists, you have to press the > button a total of 17 times to check all the lists.

Config Apps > Create location

1 Please check before entering the location!

Please follow the order: Institution name > Large category > Medium category > Small category > Zone category. Refer to the example below.

- 요양병원 > 2병동 > 3층 > 301호 > 1번침대
- 한국구청 > 한국동 > 한국아파트 > 101동 > 1013호
- Foreign organization > 30514 Ethel St > The Building > 3F > Room 1

1-1 Please check before entering the location!

1-2 Please enter a value.

1-3 Please select a large category.

The Large category refers to the Eup/Myeon/Dong or the road name address managed by the user's institution.

ex) 대치동, 테헤란로 521길, 디지털로 55길

If the desired large category is not available, you can create a new one by entering it manually.

1-4 SAVE DATA

1-5 Generate

Screen Example ①

Here's how it looks in the analysis.

Here's how it looks in the sensor map.

NO.1	NO.2	NO.3
88	102	73

Screen Example ②

Here's how it looks in the analysis.

Here's how it looks in the sensor map.

NO.1	NO.2	NO.3
88	102	73
17	21	14

Screen Example ③

Here's how it looks in the list.

Here's how it looks in the sensor list.

Description

- This is a page for creating a location to be connected to a registered sensor. Enter the location name before registering it and you can check the application on the Analysis, Sensor Map, Dashboard List and sensor registration pages through screen examples.
- 1-1** You can see how to write a location. You can hide / show the description area by pressing the right arrow.
- 1-2** You can create a location by entering the location name in the order of Large, Medium, Small category and zone. If you register a new location that is not a previously registered location, the Save button will be activated.
- 1-3** When creating a location, a description will be displayed on how to enter a place name. The description will be displayed based on the classification type every time you click on the Large, Medium, Small category or zone input window.
- 1-4** If the location you entered a new location which is not a previously registered location the Save button will be activated. When you click the Save button, the entered location will be saved.
- 1-5** Shows how the location name you entered is applied to other pages.

Config Apps > User permissions

The screenshot shows the 'User permissions' configuration page in the Mckare system. The interface is divided into a sidebar and a main content area. The sidebar contains sections for 'ANALYTICS APPS', 'CARE APPS', 'COMMON APPS', and 'CONFIG APPS'. The 'CONFIG APPS' section is expanded, showing 'User' and 'Permissions'. The main content area is titled 'Permission management' and includes a summary of user counts (Total: 4, Blocked: 0, Pending: 0, Locked: 0, Active: 4). Below this are filters for 'Account Status', 'Role', and 'Categories' (Large Category, Medium Category, Small Category). A 'BULK CHANGE' button is visible. A table lists users with columns: ID, USER NAME, ROLE, MONITORING SCOPE, RECENT LOGIN DATE, REGISTRATION DATE, and ACCOUNT STATUS. A red overlay shows a modal for editing user 'JCFTEST' with fields for ID, User Name, Role, and Monitoring Scope.

Description

- Check the list of registered users and change the status of the accounts
 - Check the total number of users and the number of users by account status. Clicking the number of users will filter the list and display it based on the category.
 - Check the user list by selecting between WEB users and MOBILE users
 - By selecting Account Status, Permissions, Large/Medium/Small Category in order, the list below will be displayed according to the selected search conditions.
 - Change the status of users all at once by selecting the users who need to be changed
 - Enter a word to search for and a list of users with information containing that word will be displayed
 - Click on the row in the table for the user you want to check information and it will display a pop-up where you can change the user's account status, permissions and monitoring range.
- Select the permissions, account status of the user and monitoring range
 - Displays user ID, name, last login date, and profile image
 - Choose the account permissions among 'Client', 'Registration', 'Demo'
 - Choose the account status among 'Active' and 'Locked'
 - Set the monitoring range. The institution name registered at the time of sign-up will be entered and in Large / Medium / Small and Zone category part, you can select the location to be changed among the registered locations in the [Location > Create] screen.

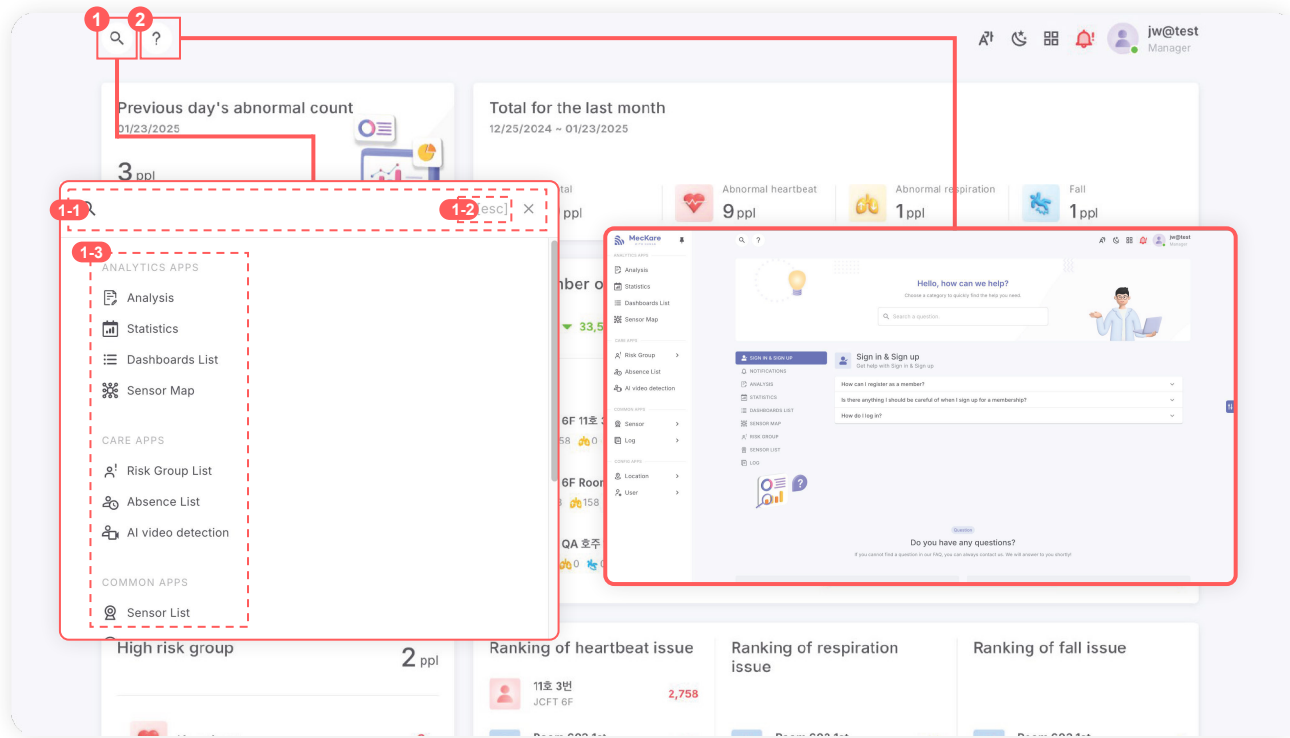
Config Apps > User permissions (Edit all at once)

The screenshot shows the 'User permissions' configuration screen in the Mckare system. The interface includes a sidebar with navigation options like 'Analysis', 'Statistics', 'Dashboards List', 'Sensor Map', 'Risk Group', 'Absence List', 'AI video detection', 'Sensor', 'Log', 'Location', and 'User'. The main area displays 'Permission management' for 'JCFTTEST' with a 'BULK CHANGE' button. A red overlay covers the main content area, with numbered callouts 1 through 4. Callout 1 points to the 'BULK CHANGE' button. Callout 2 points to the 'BULK CHANGE' button. Callout 3 points to a warning message: 'Bulk changes cannot include users with administrative privileges. Please review the list of users to be updated in bulk.' Callout 4 points to another warning message: 'You cannot include mobile users in the web user list. Please review the list of users to be updated in bulk.'

Description

- 1 If you check the users who need to be changed all at once, the Bulk Change button becomes active
 - 1-1 When you click ☐ it will be changed to ☒ and the user selection is complete. If you want to uncheck all users after selecting all, click ☐ and the status of all users will be unchecked.
- 2 If you check the users who need to be changed all at once and click the Bulk Change button, a change pop-up will appear
 - 2-1 A list of users selected for bulk change is displayed
 - 2-2 You can change the account permissions and status of selected users
 - 2-3 You can set the monitoring scope of the selected user. You can set the Large / Medium / Small Category and Zone classifications in order and select from the registered locations in [Location > Create] screen.
 - 2-4 After entering or editing information, click the Edit button to save the entered information
- 3 If any user with administrator rights is included among the selected users bulk change is not available
- 4 If any mobile user is included among the selected users bulk change is not available

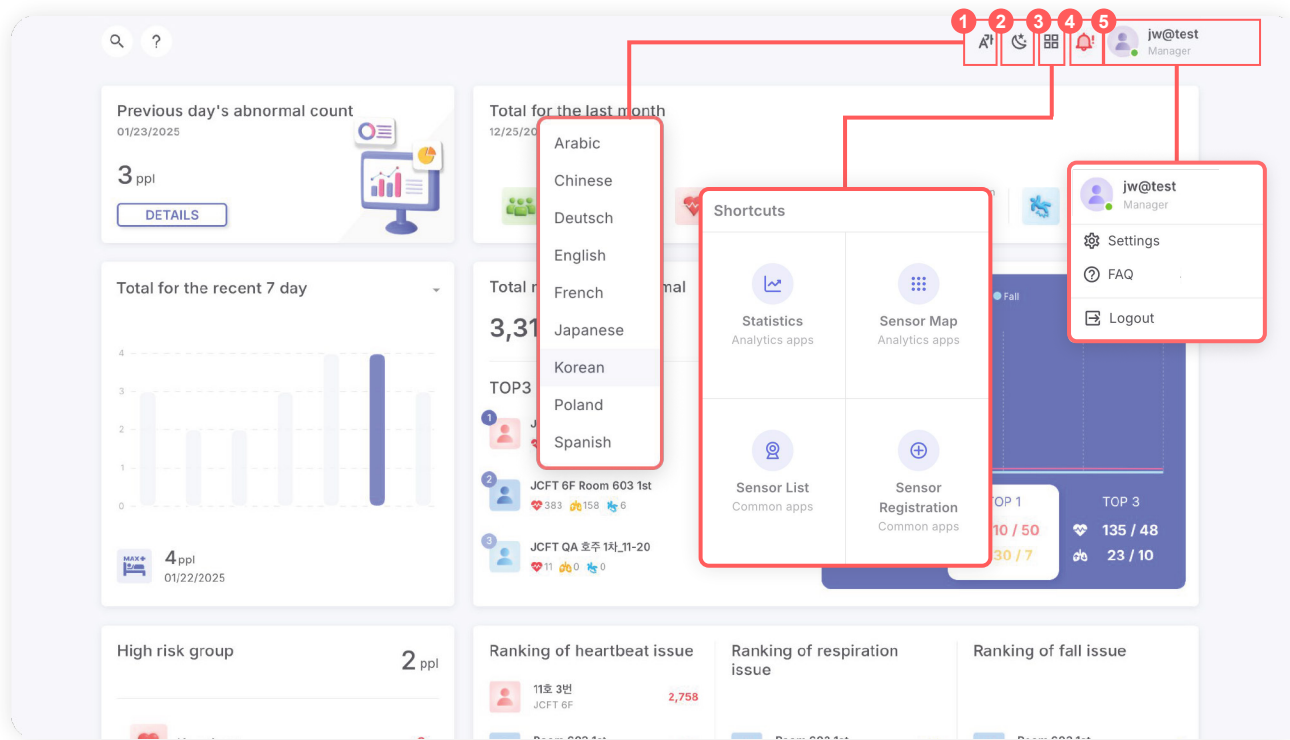
Main Apps > App Bar (Left Part)



Description

- 1 If you click the search icon, a pop-up will appear where you can search the menu
 - 1-1 If you type a word a menu containing the searched word will appear
 - 1-2 Clicking "ESC" on your keyboard will close the pop-up window
 - 1-3 Click on a menu to move to that menu screen
- 2 Click the question mark icon to move to the FAQ page

Main Apps > App Bar (Right Part)



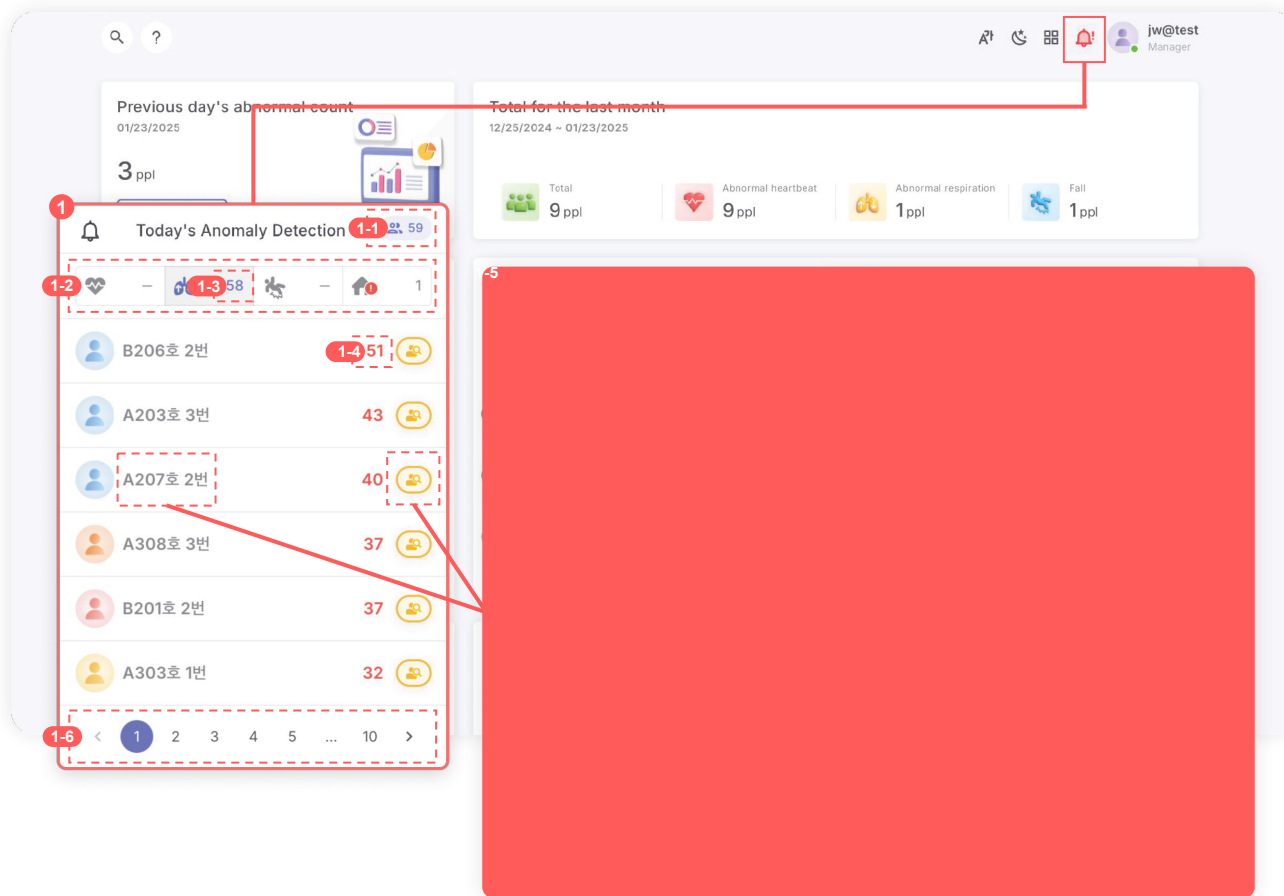
Description

- 1 Language setting in Mckare platform is available. 9 languages are supported so far.
- 2 A button to switch between light mode and dark mode theme
- 3 Click to show a shortcut to menu in a pop-up. Depending on the permissions of the account you logged in, the menus that are frequently used will be displayed. Click the menu to move to that menu screen.
- 4 Click the bell icon to check the history of detections notifications that occurred today
- 5 Shows profile image and the name of the account that is logged in along with the permissions for that account. If you click on the profile area, a menu pop-up will appear and there are Settings and Exit (Log Out).

Light Mode Dark Mode

Checked all notifications
New notifications occurred

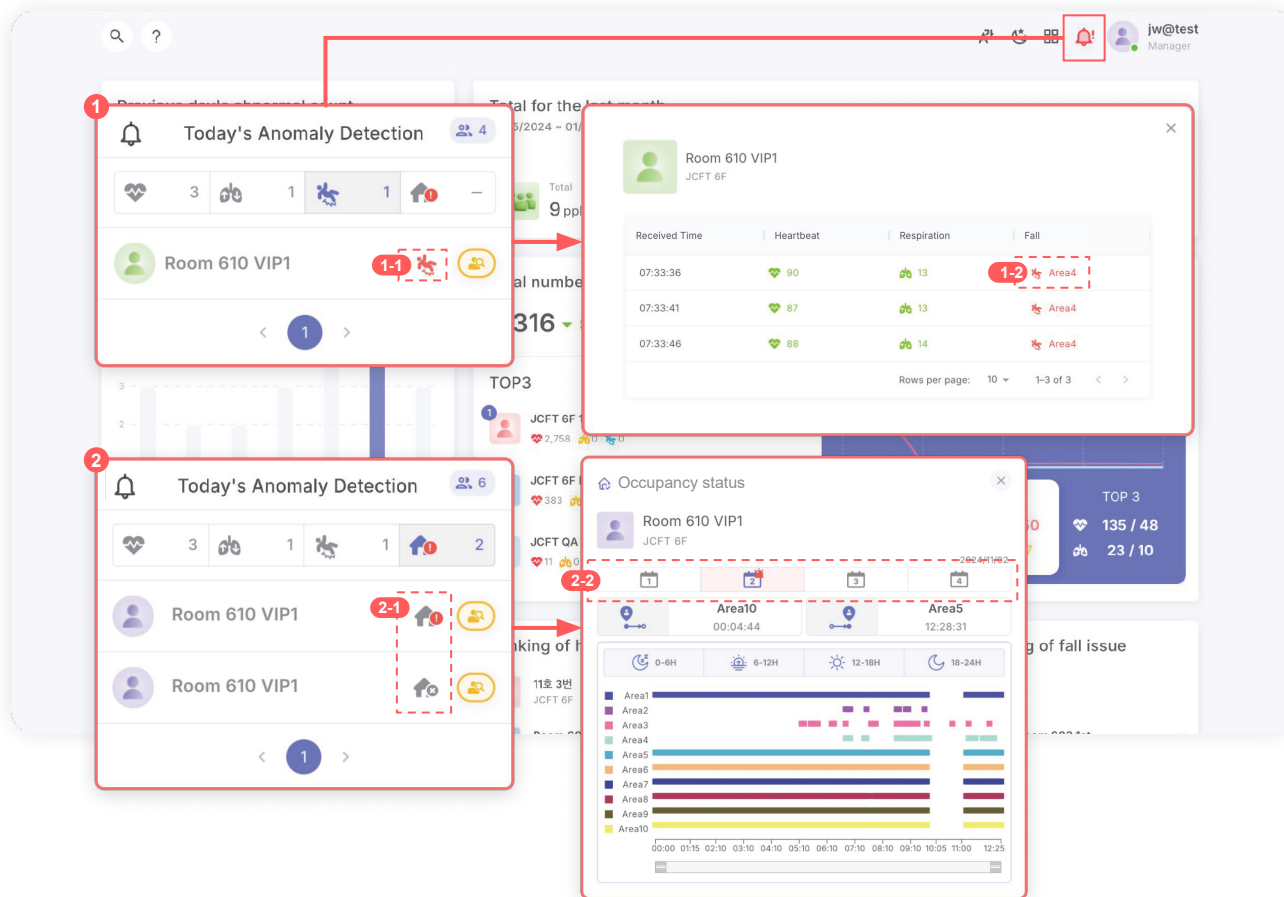
Main Apps > App Bar (Notifications - Heartbeat, Respiration)



Description

- 1 By clicking the bell icon, you can check the detection history that occurred today.
 - 1-1 The number of detection today is displayed
 - 1-2 When you select the abnormality category (heartbeat, respiration, fall, occupancy) a list of abnormality for that item is displayed
 - 1-3 The number of abnormality that occurred for each category is displayed. If there are no abnormality that occurred during the day it is displayed as "-".
 - 1-4 The number of abnormality that occurred during the day for each person is displayed. Click to view a detailed abnormality detection history in a pop-up.
 - 1-5 Click the person's name (Location name) or the details button to view the detailed information in a pop-up about the abnormality will be displayed
 - 1-6 Click on the numbers to move to the other pages

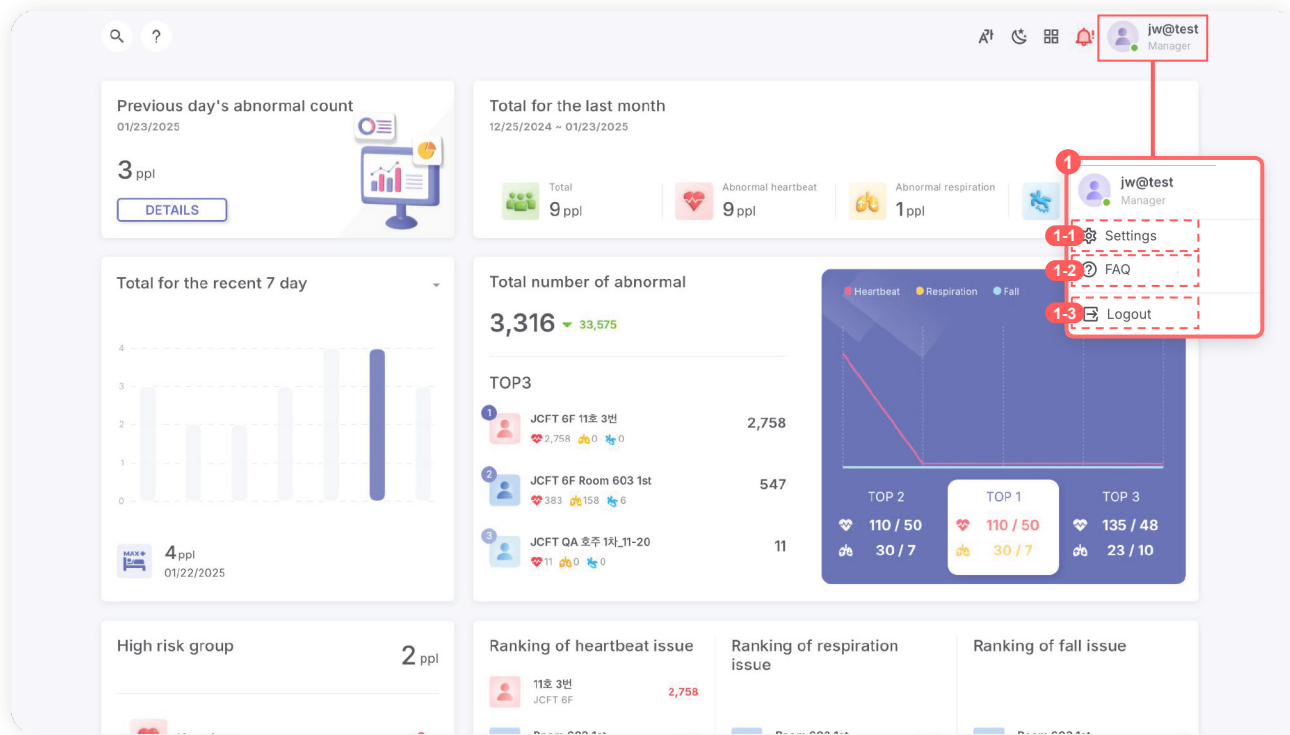
Main Apps > App Bar (Notifications - Fall , Occupancy)



Description

- 1 If you select the fall category, you can check the fall detection history
 - 1-1 Click the fall icon to check the detailed fall detection history
 - 1-2 The detailed location where the fall occurred is displayed
- 2 If you click on the occupancy alert, the history of occupancy abnormality detected and absence history that occurred during the day is displayed
 - 2-1 Click the occupancy warning icon or absence icon then a pop-up will appear where you can check the occupancy history for the past 4 days
 - 2-2 Select the date that you want to check the occupancy history and a siren icon will be displayed on the date when an occupancy warning occurred

Main Apps > App Bar (Profile Menu)



Description

- 1 Click on the profile area then a pop-up will appear that enables moving to the user menu screen
 - 1-1 Click to move to a page where you can set up the logged in user's account, security, notification type etc
 - 1-2 Move to FAQ page
 - 1-3 Click to log out and it will redirect to the login page

Main Apps > App Bar (User Settings - Account)

The screenshot displays the 'User information' section of the 'ACCOUNT' settings. At the top, there are tabs for 'ACCOUNT', 'SECURITY', and 'NOTIFICATIONS'. A user profile card shows a placeholder image, a 'RESET' button (1), and an 'UPLOAD' button (2). Below this, the 'User Name' field (3) contains 'jw@test' and the 'Role code' field (4) contains 'manager'. The 'Email' field (5) and 'Organization code' field (6) are empty. At the bottom, there is a 'RESET' button (7) and a 'SAVE DATA' button (8). A dropdown menu is open on the right, showing options: 'Settings' (highlighted with a red dashed box), 'FAQ', and 'Logout'.

Description

- 1 Change the profile image by clicking the "Upload" button
- 2 Click "Reset" button to remove the profile image you set and it will return to the default profile image
- 3 Shows the name that is on the account, with a maximum of 30 characters
- 4 Shows the role code (authority) granted by the system is displayed and this can't be modified
- 5 The email address is displayed, and the maximum number of characters that can be entered is 30
- 6 The institution code assigned by the system is displayed and this can't be modified
- 7 Click "Save" button to save the entered or modified information
- 8 Click "Reset" button to reset any information you have entered or modified

Main Apps > App Bar (User Settings - Security)

The screenshot shows the 'Change Password' form in the App Bar (User Settings - Security) section. The form includes input fields for 'New Password' and 'Confirm New Password', a 'Password Requirements' section, and 'RESET' and 'SAVE DATA' buttons. A red dashed box highlights the 'Settings' option in the user profile dropdown menu.

Change Password

1 New Password 2 Confirm New Password

Password Requirements

- Minimum 8 characters long - the more, the better
- At least one lowercase & one uppercase character
- At least one number, symbol, or whitespace character

3 RESET 4 SAVE DATA

Search ?

ACCOUNT SECURITY NOTIFICATIONS

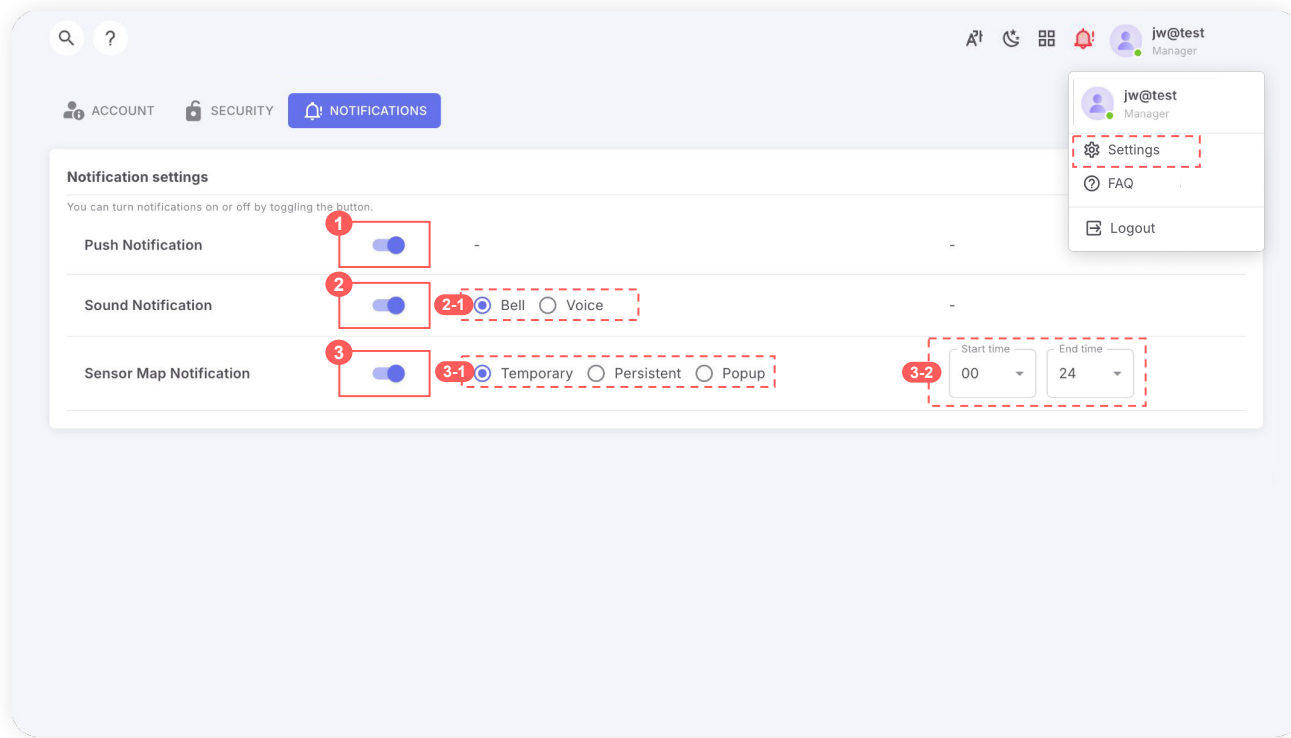
jw@test Manager

Settings FAQ Logout

Description

- 1 You can enter a new password.
You can see the password that you entered by clicking
- 2 Re-enter the password you entered in 1
- 3 Click "Save Changes" button to save the changed password
- 4 Click "Reset" button to return to the initial step which is before entering the password

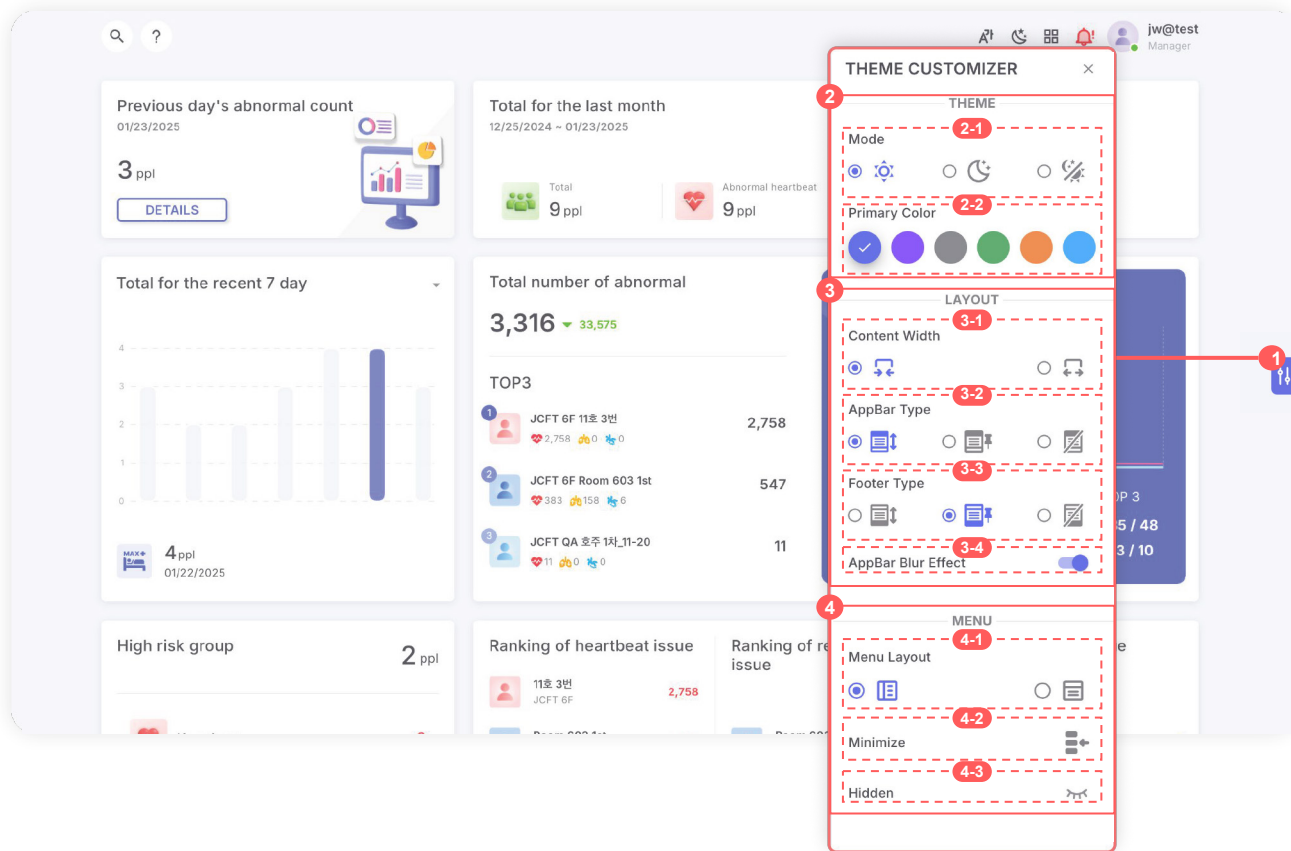
Main Apps > App Bar (User Settings - Notifications)



Description

- 1 Setup push notifications and turn on or off by clicking the switch
- 2 Set sound notifications and turn on or off by clicking the switch
 - 2-1 Choose between "Bell Notification" or "Voice Notification". With "Bell Notification" a bell sound will be played when an abnormality occurs and with "Voice Notification" the abnormality information will be read out when a notification occurs.
- 3 Set the notifications that are displayed on the sensor map screen and turn on or off by clicking the switch
 - 3-1 "Temporary" a toast-style pop-up notification will be displayed, and if you select "Persistent" a large card-style notification pop-up will be displayed. If you select "Pop-up", a new window in a pop-up will be opened separately from the sensor map screen.
 - 3-2 Set the sensor map notification time. The sensor map notification will be displayed only from the starting time to the ending time.

Main Apps > Theme Settings



Description

1 If you click the theme setting button in the center right, the screen theme setting window will appear on the right

2 Set theme color and mode of the screen

2-1 Choose between light mode, dark mode and mixed mode. The default is in light mode.

- Mixed mode : Menu (Dark mode) + Content (Light mode)

2-2 Set the main color

3 Set the layout of the screen

3-1 Set the width where the content (content area) will be displayed

- Narrow view : Displayed at a certain width - Wide view : Displayed as wide as the browser

3-2 Set the type of the top app bar

- Scroll : The app bar moves when you scroll
- Fixed : The app bar is fixed on the top of the page

- Hidden : The app bar will not be displayed

3-3 Set the type of the bottom app bar

- Scroll : The app bar moves when you scroll
- Fixed : The app bar is fixed on the top of the page
- Hidden : The app bar will not be displayed

3-4 This is valid when the display type of the top app bar is scroll and when applied the app bar will be in blurry display

4 Sets the format of menu displayed

4-1 Change the location of the menu

- Vertical : Displayed on the left (Default)
- Horizontal : Displayed on the top

4-2 Select Vertical in the layout mode to minimize or expand the menu

4-3 Hide or show the menu