Login Page

Login Page

Can sign-in with own id and password

Or can sign-up

Feature

- ① : Enter ID
- ② : Enter password
- ③ : Login button.
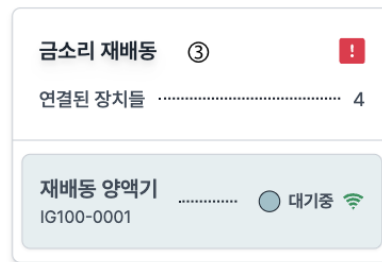- ④ : Sign-up button

Sign-up page

Sign-up screen

Enter User type, ID, Password to sign up

Feature

- Enter User type, ID, Password
- ③-Password and ④-Password check should be same
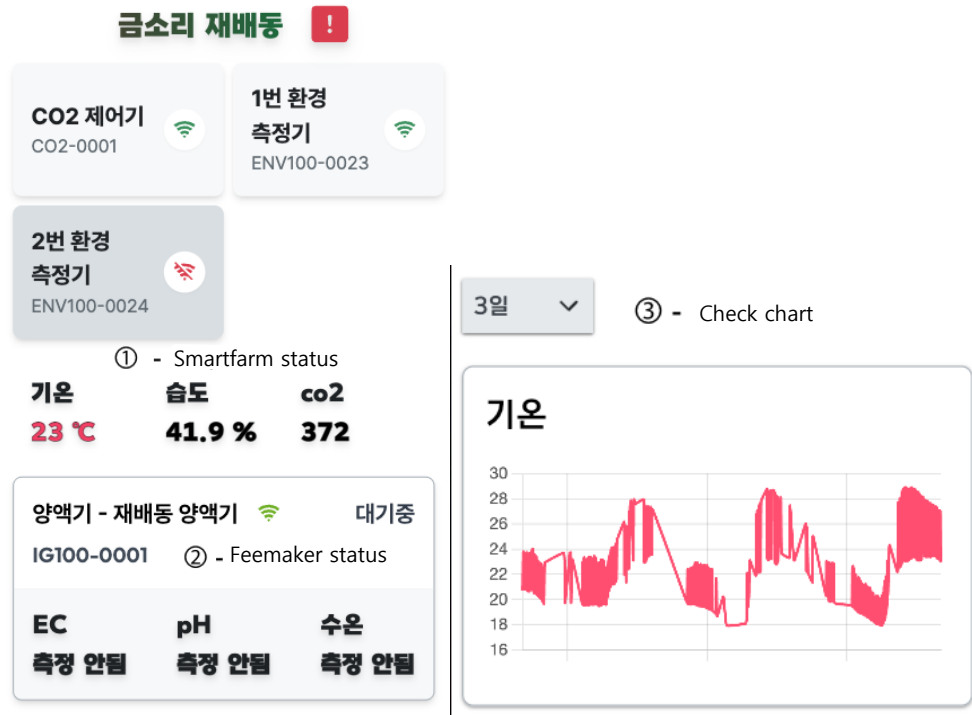- Tap "회원가입" button finishes sign-up step.

Main page – Listing smartfarms

Feature

- ① : Tap this button and get back to initial screen or enter user setting.
  In another screens, user can press back button of their own phone to get back.
- ② : Check numbers of smartfarm user have now. Click reset button to get fresh list.
- ③ : List of individual smartfarms. If user tap exclamation icon, they can check which devices are disconnected. Can close after tap icon again or another part of screen
  - ■ If devices keep disconnected, contact to us.

Smartfarm page - initial

금소리 재배동 ❗

CO2 제어기
CO2-0001 📶

1번 환경 측정기
ENV100-0023 📶

2번 환경 측정기
ENV100-0024 📶

① - Smartfarm status

기온	습도	co2
23 ℃	41.9 %	372

양액기 - 재배동 양액기 📶   대기중
IG100-0001   ② - Feemaker status

EC	pH	수온
측정 안됨	측정 안됨	측정 안됨

3일 ⌄   ③ - Check chart

기온

Feature

- ① : **Display smartfarm name and air condition**
  - ■ Temperature : Keep 20~25 celcius (68 ~ 75 farenheit) degree.
  - ■ Humidity : Too high humidity can be fatal to plants
  - ■ Co2 : Essential element for plants, if co2 is too low, plants grow slowly.
- ② : Show feedmakers status, mode. Tap to enter detailed setting.
- ③ : Check status of environment. Tap "3일" to determine length of chart want to see.

불러오는중... ‖ı‖ı

- This icon appear while load data.

Feedmaker page

Feature

- ① : Check status of feedmaker.
- ② : Set detailed setting of feedmaker.
- ③ : Select one of detailed setting.

Feedmaker page – operation status

Feedmaker operation status

- Check current mode and feed status
- Tap modes down below to change mode of feedmaker.

Feedmaker page – feeding cycle

Feeding Cycle

   - Set how long to feed and stop nutrient fluids.
   - In this case, feed for 1 minutes and stop for 49 minutes.

Feedmaker page - ECPH

ECPH

- Set target EC and PH
- Can change the value by typing via the virtual keyboard or by tapping the
  - / + buttons to change the value.
- Click "적용" to apply and click "취소" to reset value.

Feedmaker page – feed tank water level
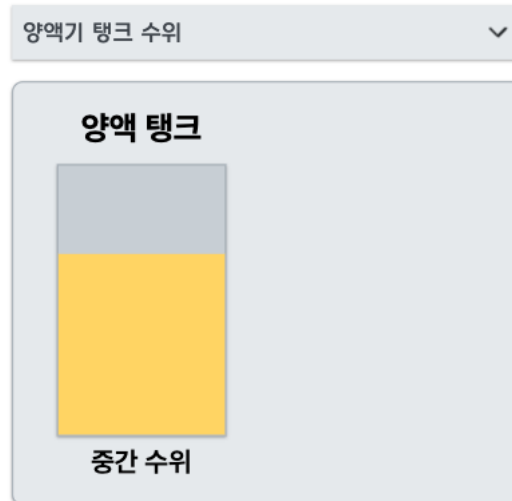
Feed tank water level

- Check feed tank water levels
- Red is low, yellow is moderate, and blue is high.

Feedmaker page - Log

Log

- Check logs of feedmaker
- Decide how many records to fetch and by when.
- Tap "로그 새로고침" to get new logs
- Can search log with search bar.

Feedmaker page - chart

Chart

- Can check status of nutrition fluid over time.
- Decide how far back in time you want to fetch data from the current moment by click "3일" and select one.

Feedmaker page - Planter

Planter – Show only if there is planter in smartfarm.

- **①, ② shows only if there is auto planter in smartfarm.**
- ① : Turn on/off auto planter power.
- ② : Turn on/off auto plant feature.
- ③ : Change cycle of auto planter.
- ④ : Change cycle of LED or FAN.

Feedmaker page – environmental control

Environmental control

- Show only if there is controller in smartfarm.

- Can set target value of CO2 or temperature.
- Turn on/off controller.

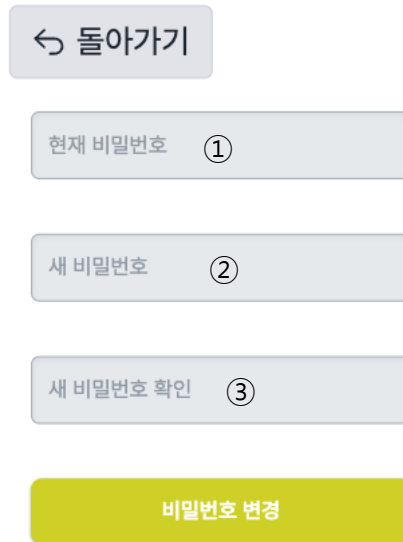# User setting page

기능

- You can enter by tapping either of the two icons pointed by arrows.
- Check user privilege and id
- Can change password.

User setting page – change password

Change password

- Tap "돌아가기" to get back to main screen
- Enter current password in ① and new password in ②, ③ to change password
- In ②, ③. New password and check new password should be same.