



Construction Workers Registration System (CWRS) Installation Guide of DAR APP Version 2.5.0.19

Construction Industry Council

11 June 2024

Table of Contents

1. Introduction	3
2. Installation Flow	4
3. Synchronization of DARs	5
4. Uninstall Existing DAR App.....	9
5. Install DAR App version 2.5.0.19	15
6. DAR Device Login and Registration.....	17

1. Introduction

The registered contractors of the Construction Workers Registration System (CWRS) are required to update the DAR App to version 2.5.0.19 for enhancing cyber security and protect users from cyber-attack.

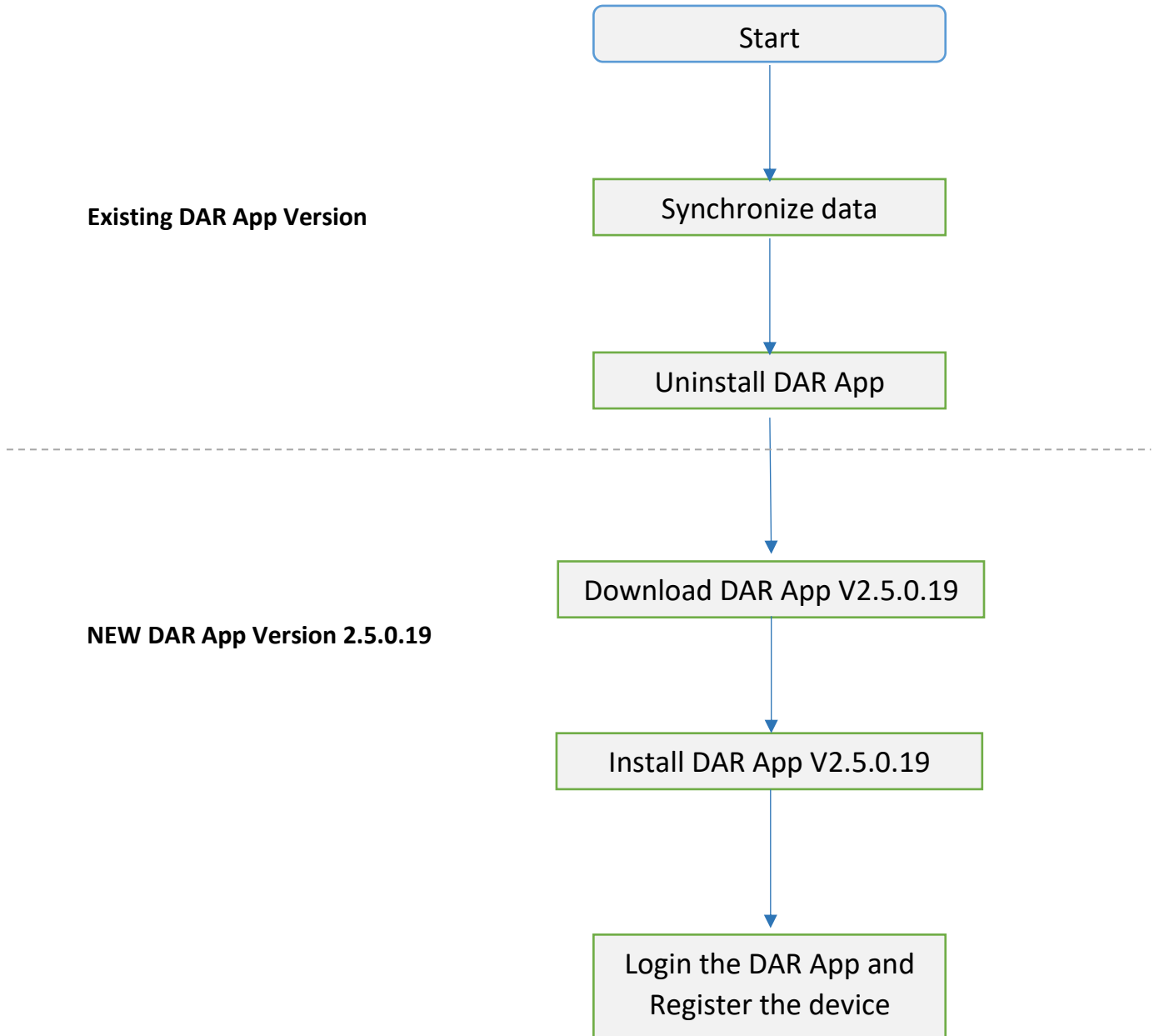
The URL of the Construction Workers Registration System (CWRS) is https://www.cic.hk/eng/main/registration_services/CWRS/

The URL of the Construction Workers Registration Gateway (CWRG) is <https://cwrq.cic.hk>.

Users are required to login the CWRS including the CWRG and DAR App by entering their Username and User Password. Username and User Password are case sensitive.

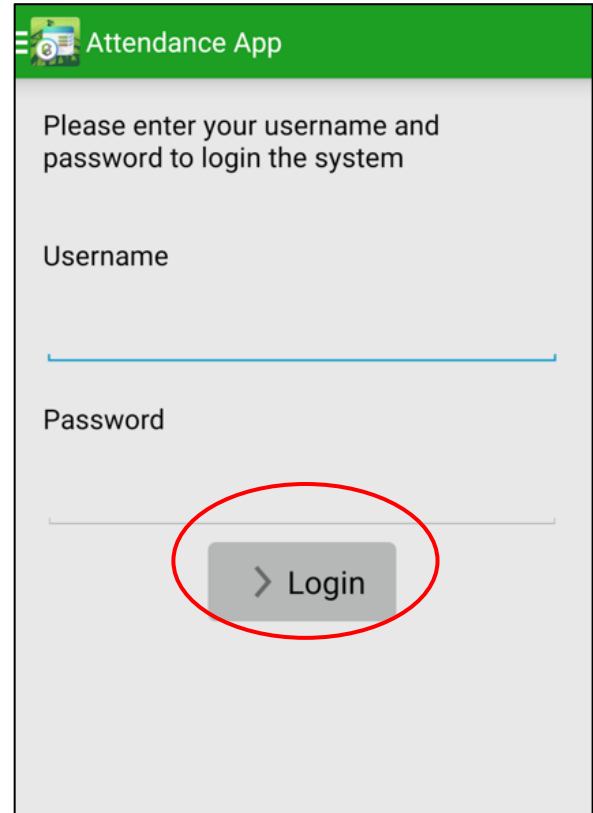
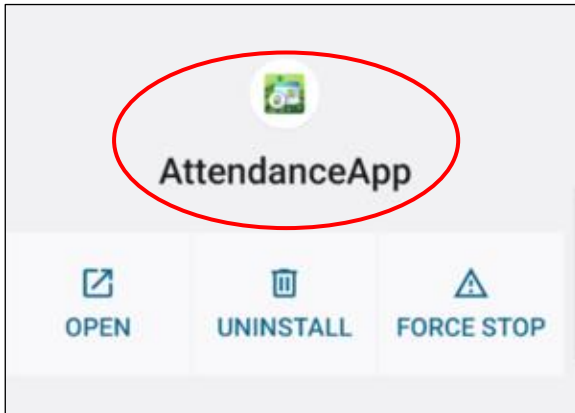
A login user should be defined as a CWRS user in order to use the functions as set out in this guide.

2. Installation Flow

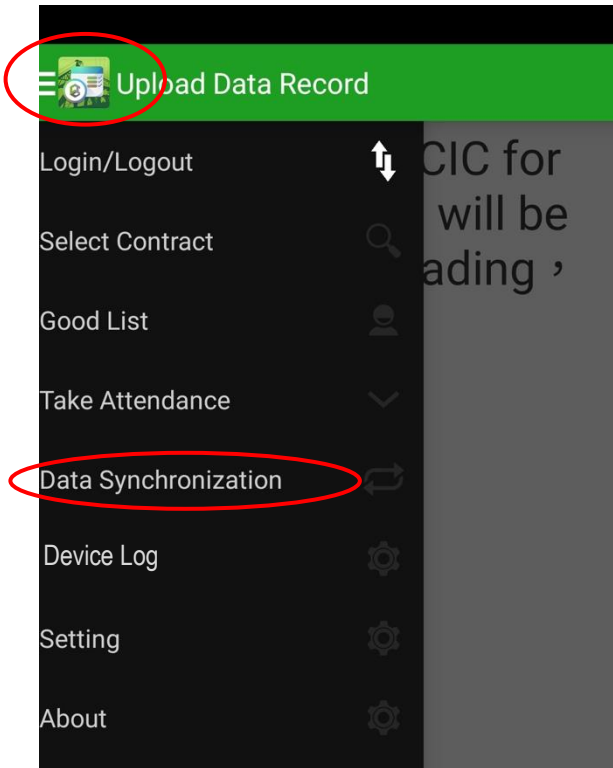


3. Synchronization of daily attendance records (DARs)

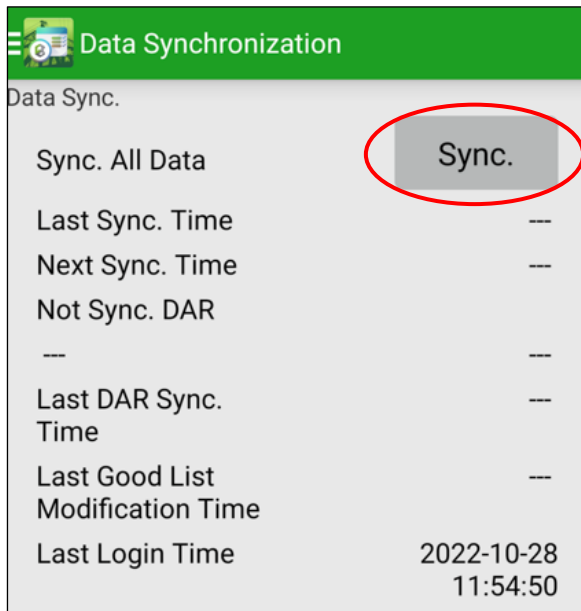
You must login the existing DAR App account to synchronize the DARs stored in the app with the CIC Cloud before installing DAR App version 2.5.0.19.



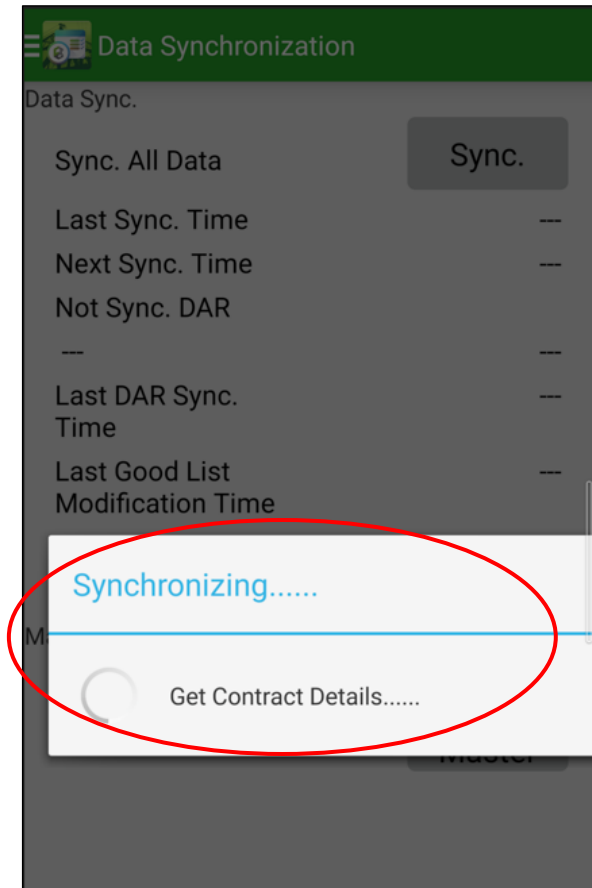
3.1 Click the Main Menu at the upper-left corner. Then click [**Data Synchronization**].



3.2 Data Synchronization dialog box will be displayed. Click [**Sync**].



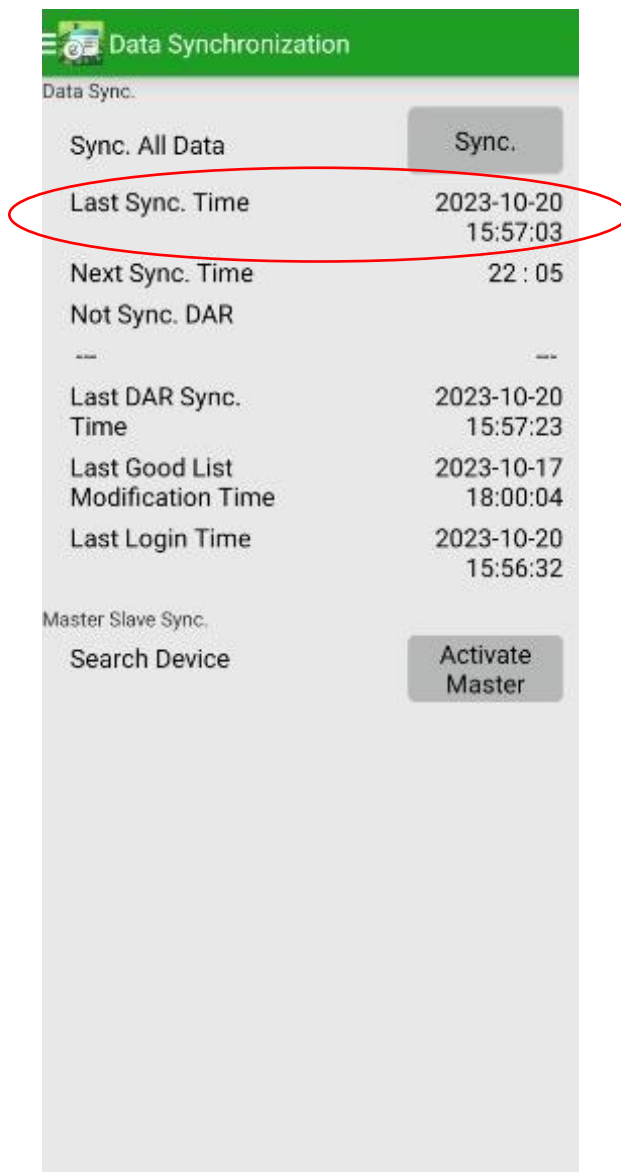
3.3 The synchronizing window will be prompted.



3.4 Data Synchronization is completed

After the synchronization, the “Last Sync. Time” is shown. Users should check if the “Last Sync. Time” (including the date and time) matches with the real time data on your device. If the Last Sync. Time has not been updated or does not match with the real time data, please click [**S**ync] again.

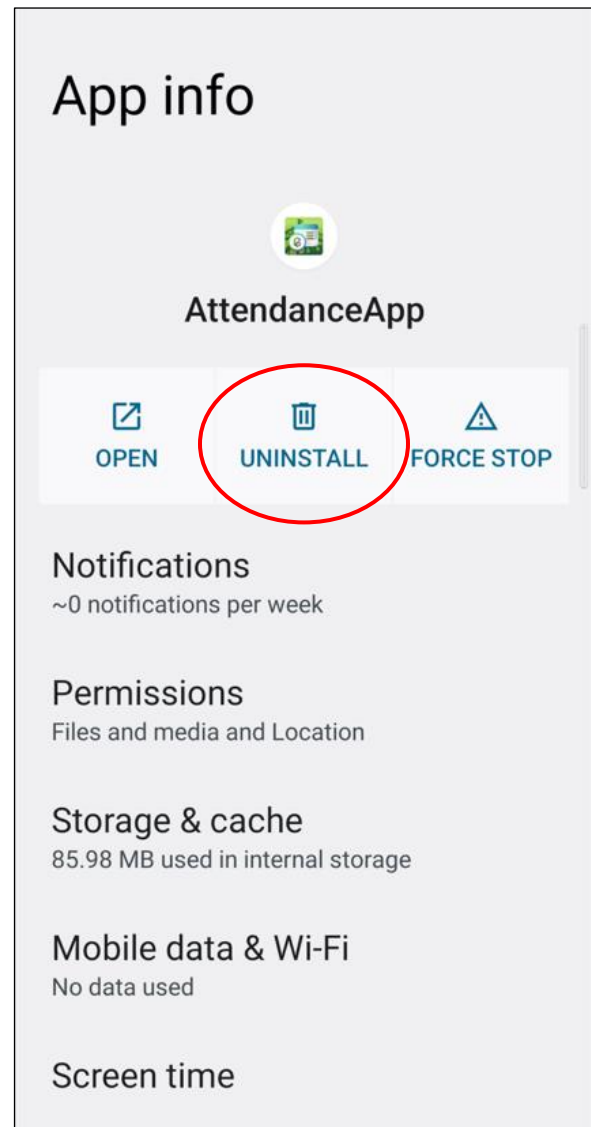
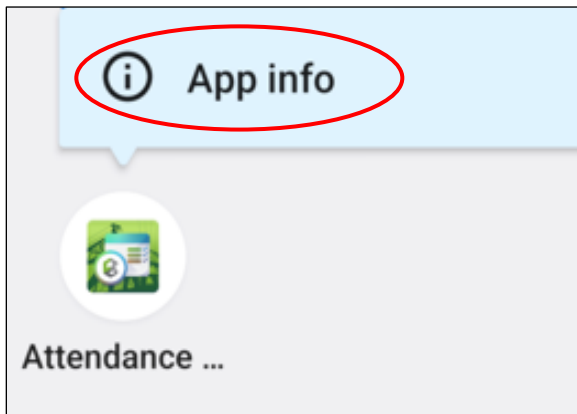
When synchronization is completed successfully, the user can check the up-to-date records on CWRG.



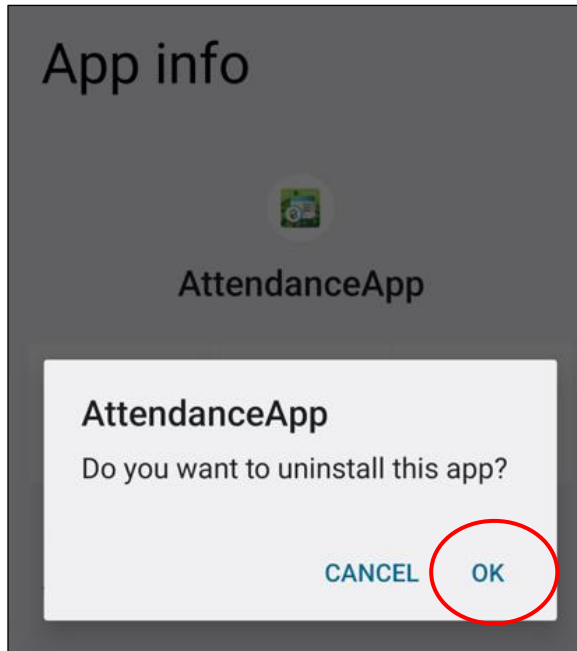
4. Uninstall Existing DAR App

Before installing the DAR App version 2.5.0.19, user must uninstall the existing DAR App.

4.1 Tap the App button > App Info. Click [UNINSTALL].

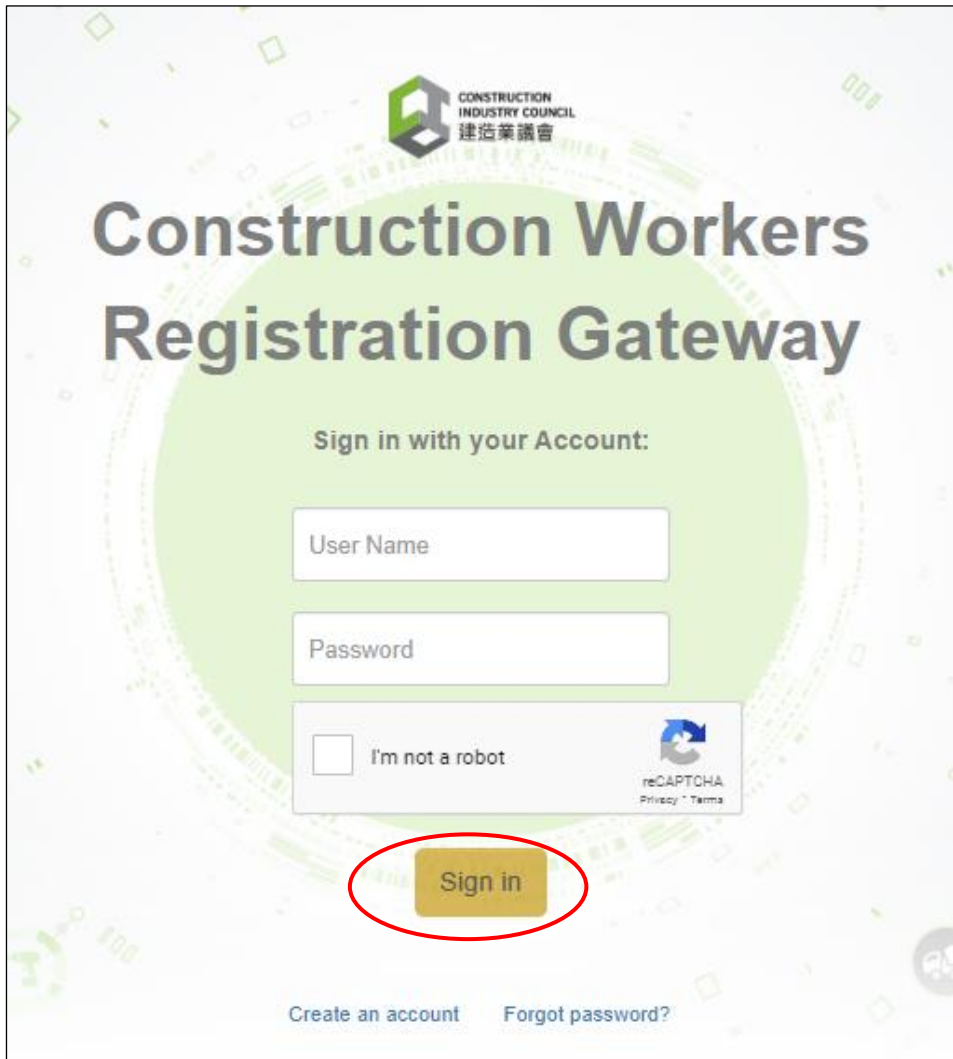


4.2 The confirmation dialog box will be prompted. Click [**OK**] to confirm uninstallation of this app.



5. Download DAR App version 2.5.0.19

- 5.1 Enter your Username and User Password in the CWRG and click the box of “I’m not a robot” to sign in your account.



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Construction Workers Registration Gateway

Sign in with your Account:

User Name

Password

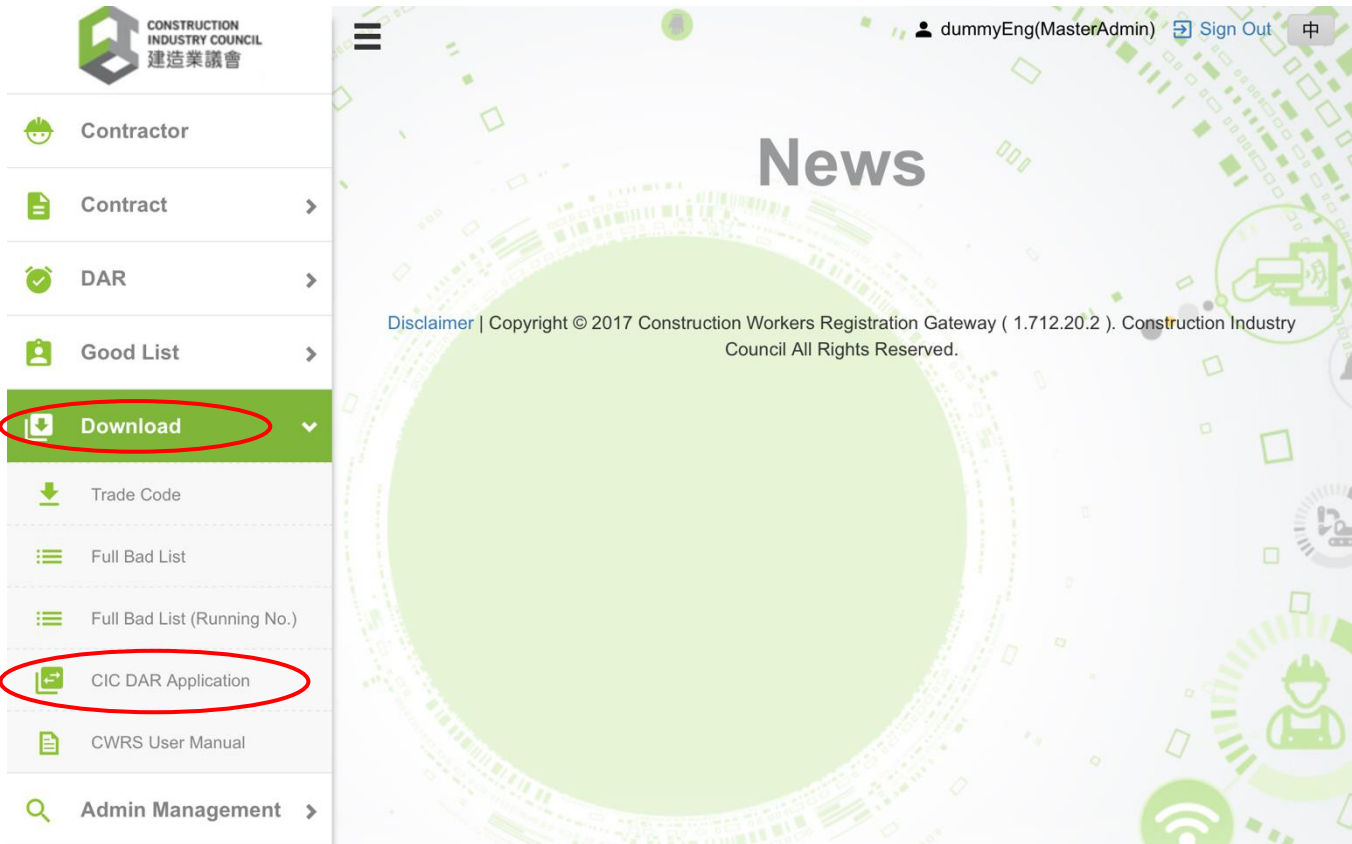
I'm not a robot

reCAPTCHA
Privacy * Terms

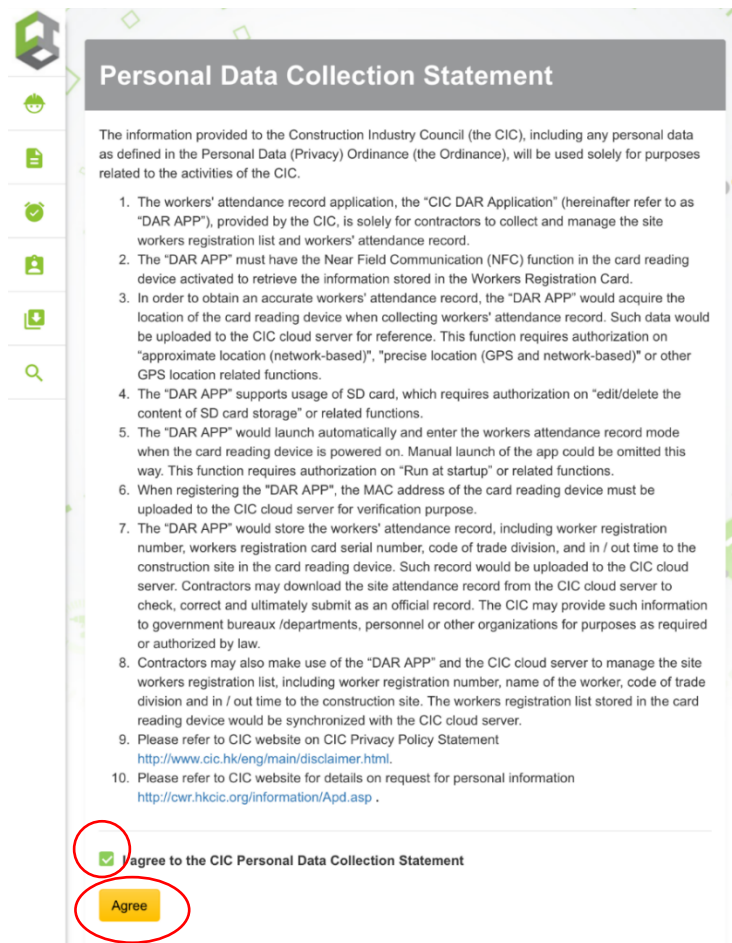
Sign in

[Create an account](#) [Forgot password?](#)

- 5.2 User Home page will be displayed.
- Click [**Download**] in the main menu at the left-hand side
 - Click [**CIC DAR Application**]



- 5.3 Personal Data Collection Statement dialog box will be prompted. Read the statement carefully. Then click the **checkbox** and **[Agree]** button to agree to the terms and conditions to proceed to download the DAR application.



Personal Data Collection Statement

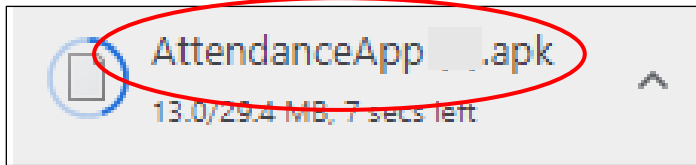
The information provided to the Construction Industry Council (the CIC), including any personal data as defined in the Personal Data (Privacy) Ordinance (the Ordinance), will be used solely for purposes related to the activities of the CIC.

1. The workers' attendance record application, the "CIC DAR Application" (hereinafter refer to as "DAR APP"), provided by the CIC, is solely for contractors to collect and manage the site workers registration list and workers' attendance record.
2. The "DAR APP" must have the Near Field Communication (NFC) function in the card reading device activated to retrieve the information stored in the Workers Registration Card.
3. In order to obtain an accurate workers' attendance record, the "DAR APP" would acquire the location of the card reading device when collecting workers' attendance record. Such data would be uploaded to the CIC cloud server for reference. This function requires authorization on "approximate location (network-based)", "precise location (GPS and network-based)" or other GPS location related functions.
4. The "DAR APP" supports usage of SD card, which requires authorization on "edit/delete the content of SD card storage" or related functions.
5. The "DAR APP" would launch automatically and enter the workers attendance record mode when the card reading device is powered on. Manual launch of the app could be omitted this way. This function requires authorization on "Run at startup" or related functions.
6. When registering the "DAR APP", the MAC address of the card reading device must be uploaded to the CIC cloud server for verification purpose.
7. The "DAR APP" would store the workers' attendance record, including worker registration number, workers registration card serial number, code of trade division, and in / out time to the construction site in the card reading device. Such record would be uploaded to the CIC cloud server. Contractors may download the site attendance record from the CIC cloud server to check, correct and ultimately submit as an official record. The CIC may provide such information to government bureaux /departments, personnel or other organizations for purposes as required or authorized by law.
8. Contractors may also make use of the "DAR APP" and the CIC cloud server to manage the site workers registration list, including worker registration number, name of the worker, code of trade division and in / out time to the construction site. The workers registration list stored in the card reading device would be synchronized with the CIC cloud server.
9. Please refer to CIC website on CIC Privacy Policy Statement
<http://www.cic.hk/eng/main/disclaimer.html>.
10. Please refer to CIC website for details on request for personal information
<http://cwr.hkcic.org/information/Apd.asp>.

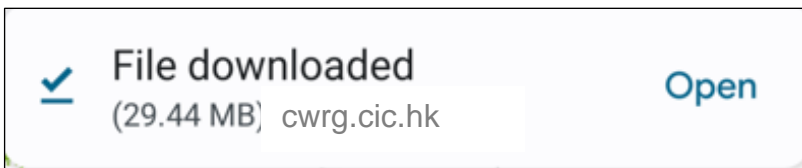
I agree to the CIC Personal Data Collection Statement

Agree

5.4 Downloading DAR App (AttendanceApp.apk) is in progress.

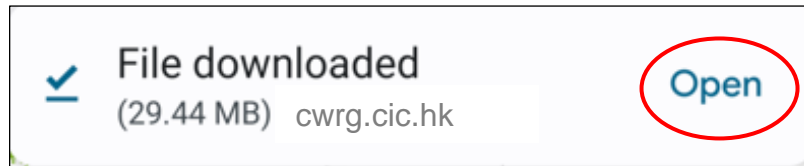


5.5 When the App is downloaded completely, the “File downloaded” window will be displayed.

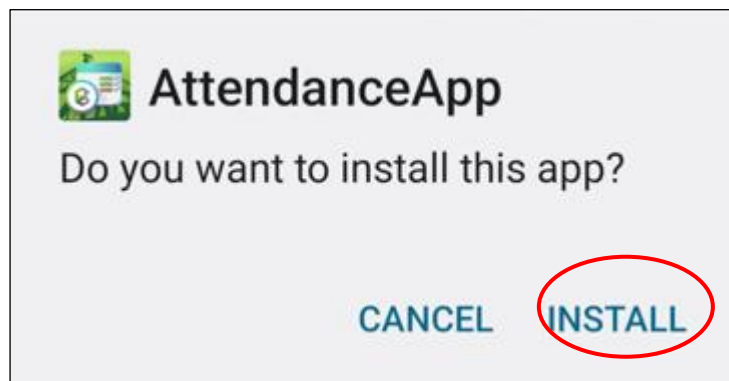


6. Install DAR App version 2.5.0.19

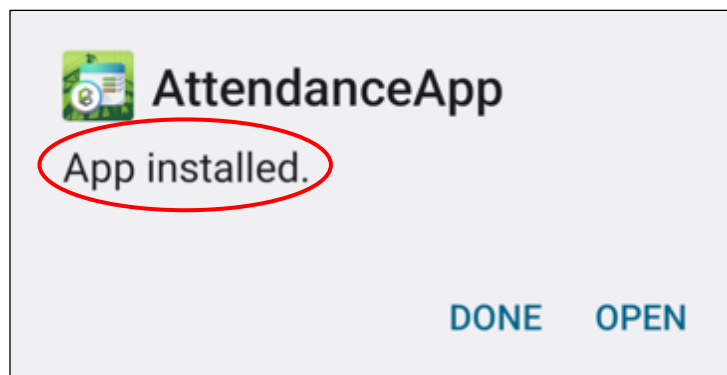
6.1 Click [Open]



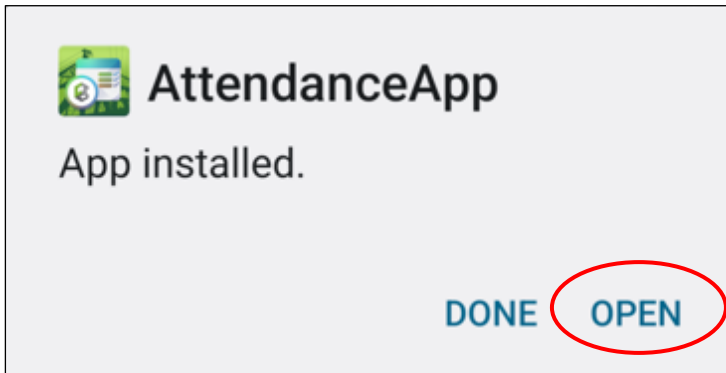
6.2 AttendanceApp dialog box will be prompted. Click [INSTALL]



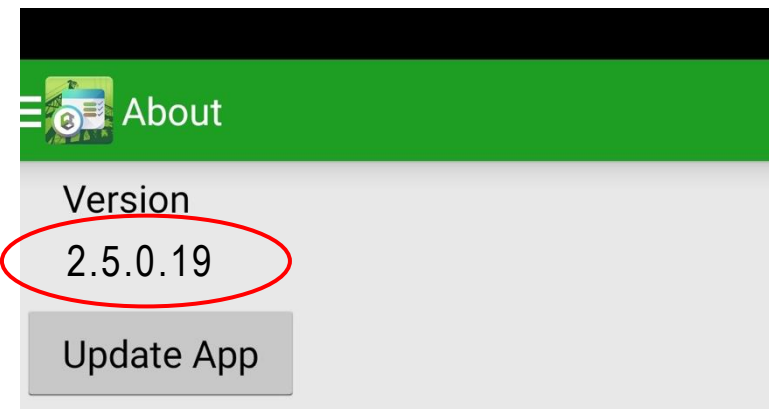
6.3 A dialog "App installed" will be displayed promptly when the installation is done completely.



6.4 Click [**OPEN**] to open the DAR App.



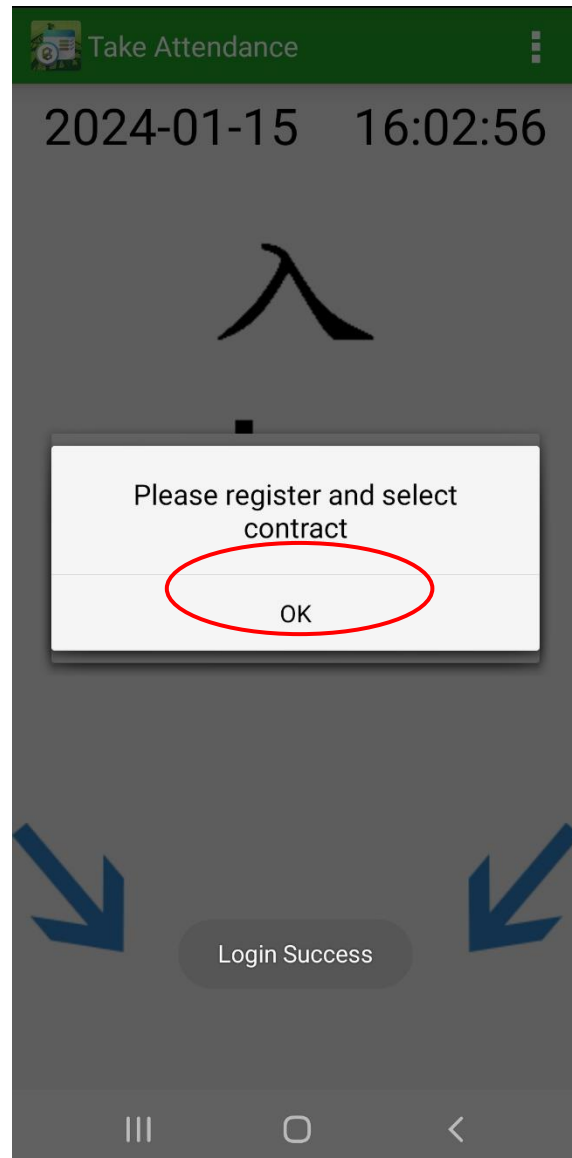
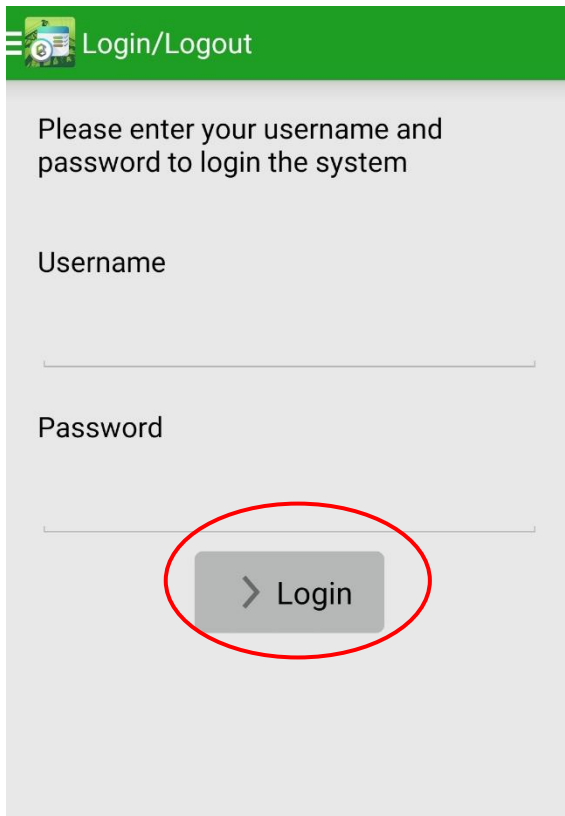
6.5 Click [**About**] to check the version number. The version number is 2.5.0.19.



7 Device Login and Registration

7.1 Device Login

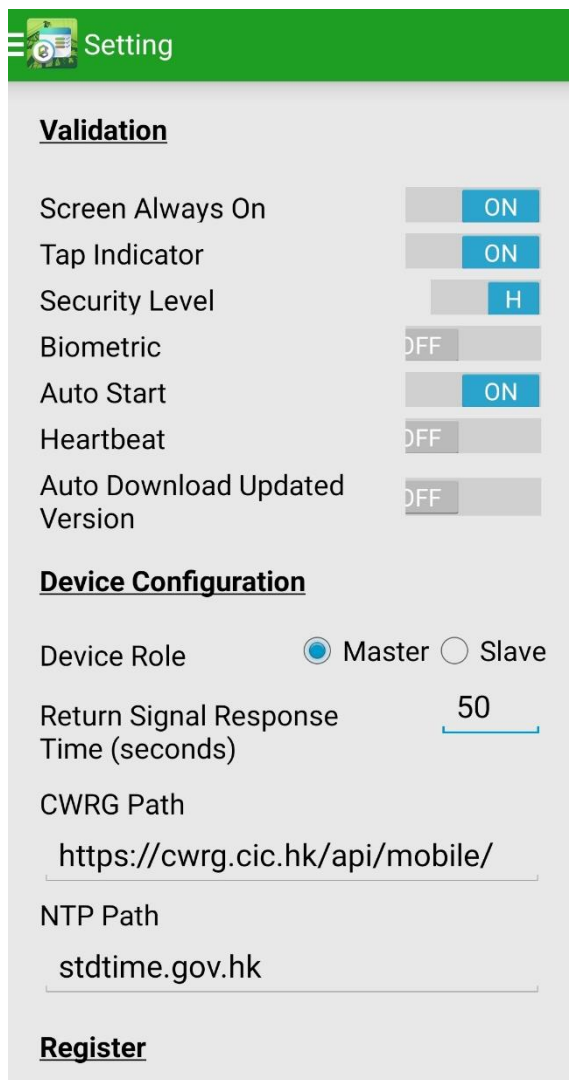
Users login to the DAR App with their Username and User Password. Then click [OK] button.



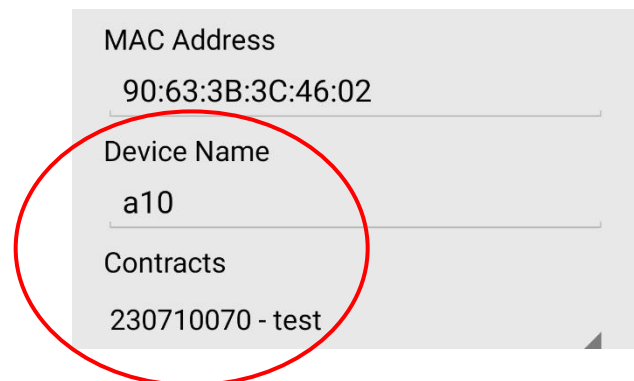
7.2 Register the Device

- a) “Setting” page pops up and users are required to register the device name and contracts.
- b) Input the existing device name in “Device Name” field. If a new device is used, please input a new name.
- c) Select the appropriate contracts from the drop-down list of registered contracts “Contracts”. The original Good List and Bad List of that contract will be automatically transferred to the new version of the DAR App, then click [**Register**].
- d) The data synchronizes automatically.

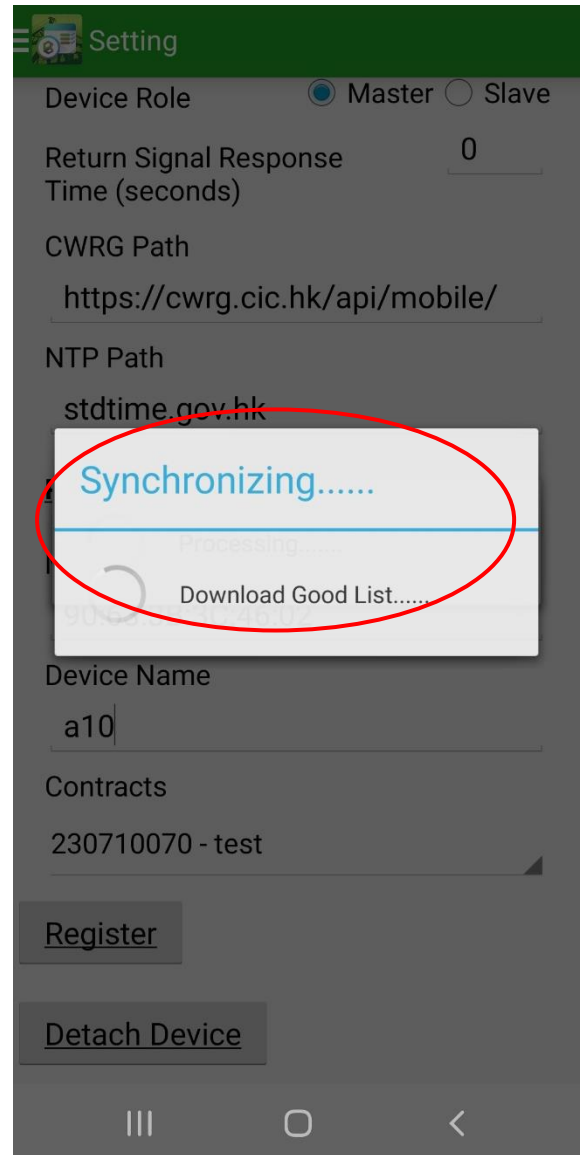
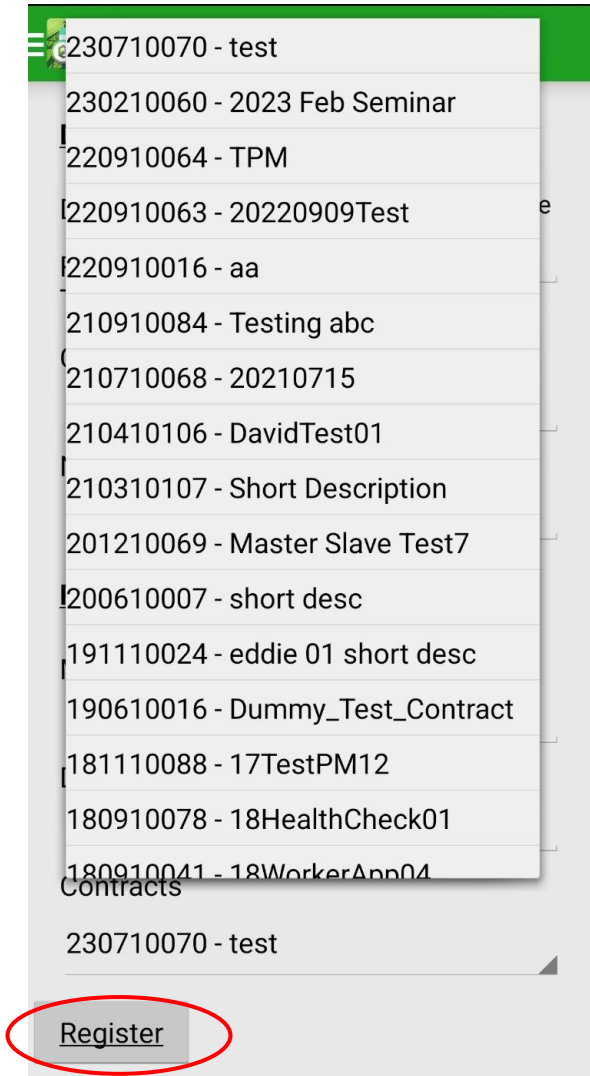
Note: If the user forgets the existing device name, he/she can enter another name. When the system detects that the device is using the previous Mac Address, the device name will return to the previous one.



The screenshot shows the 'Setting' page of the DAR App. It is divided into three main sections: 'Validation', 'Device Configuration', and 'Register'. The 'Validation' section includes toggle switches for 'Screen Always On' (ON), 'Tap Indicator' (ON), 'Security Level' (H), 'Biometric' (OFF), 'Auto Start' (ON), 'Heartbeat' (OFF), and 'Auto Download Updated Version' (OFF). The 'Device Configuration' section includes radio buttons for 'Device Role' (Master selected, Slave unselected), a numeric input for 'Return Signal Response Time (seconds)' set to 50, and text input fields for 'CWRG Path' (https://cwrp.cic.hk/api/mobile/) and 'NTP Path' (stdtime.gov.hk). The 'Register' section is currently empty.



This close-up view shows the registration fields: 'MAC Address' (90:63:3B:3C:46:02), 'Device Name' (a10), and 'Contracts' (230710070 - test). A red circle highlights the 'Device Name' field.



7.3 Data Synchronization is Completed

After synchronization, users should click “Data Synchronization” to check if the “Last DAR Sync. Time” (including the date and time) matches with the real time data on your device. If the Last DAR Sync. Time has not been updated or does not match with the real time data, please click [**Sync**] again.

When the synchronization is completed, the Bad List and the Good List will be downloaded onto the DAR App. Users can use the DAR App as usual, including capturing the DARs of registered construction workers, maintaining, updating the Good List, etc.

