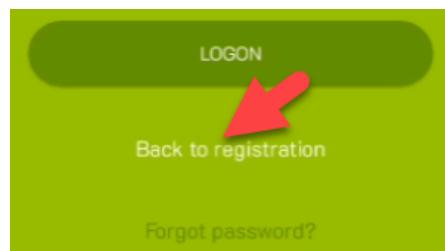


Sign Up Screen

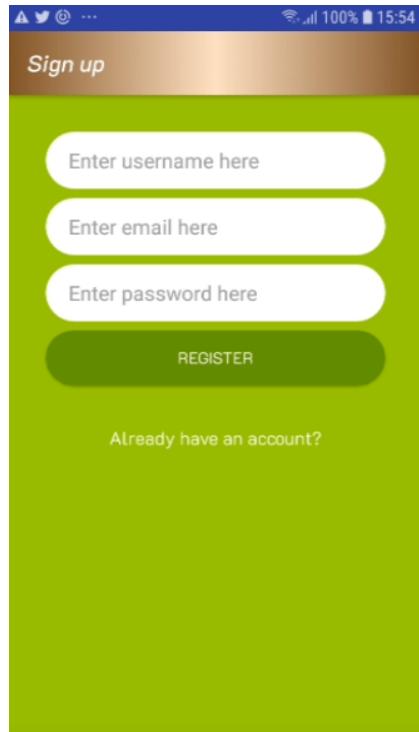
Register a new user.

How to use

- (1) After open App, on "Sign in" screen, tap on "Back to registration" menu. It will bring you to "Sign up" screen.



[Picture of Tag Sign up screen]

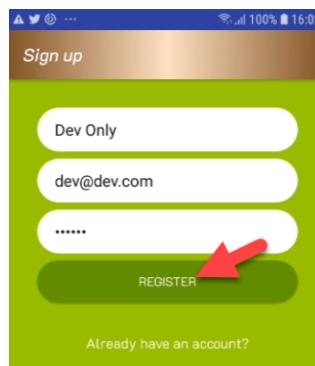


Picture of Sign up Screen

- (2) On "Sign up" screen, enter the following requirement data.

- *Username* = User name that will display in the App.
- *Email* = Email address that will use to send notification report and use for send the forgot password request.
- *Password* = User sign in password.

- (3) After enter those data above, and then tap "REGISTER" button. It will bring you to "Home" screen. **But you still cannot use App until "Admin" allow you to use App.**



[Picture of REGISTER button]

- (4) You have to ask your "Admin" to open the permission to use App on your user account

Note: See topic "Organization Management" for open the permission to use App to the new registered user account.

Sign In Screen

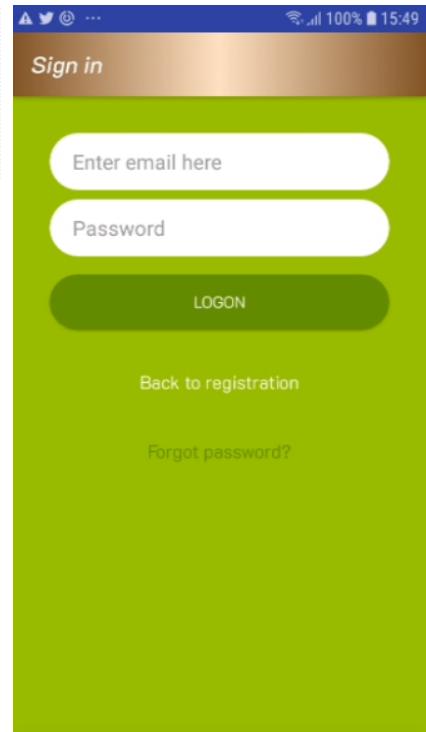
Sign in to the App after your user account have the permission.

How to use

(1) After open App, on "Sign in" screen, enter the following requirement data.

- *Email* = Email address that you enter when registered.
- *Password* = User account password that you enter when registered.

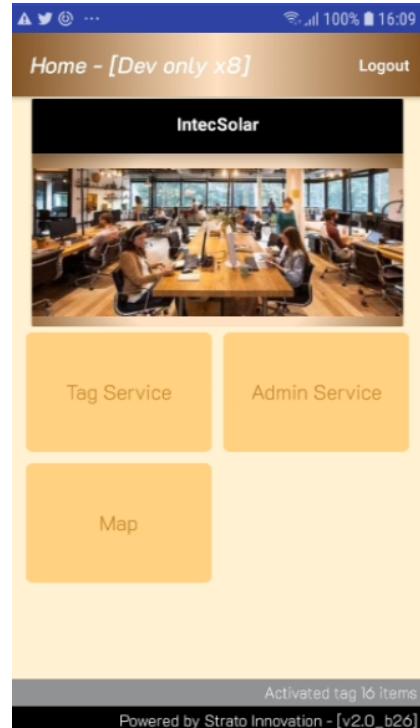
(2) After enter those data above, and then tap "LOGON" button. It will bring you to "Home" screen. You can continue use App.



Picture of Sign in Screen

Home Screen

It is the main screen of the App. You can choose the menu to do your work here.



Picture of Home Screen

How to use

(1) After open App and passed “Sign in” screen. You can choose to enter the following menu.

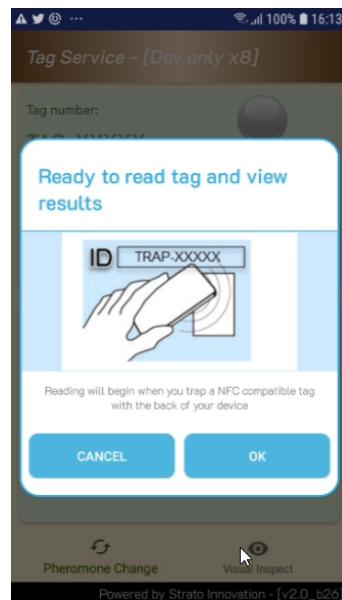
- *Tag Service* = The main screen that use when you want to scan tags.
- *Admin Service* = The main screen that admin user can do the admin's functional. ie. Monitoring tags status, Add the new tags, etc.

Tag Scanning

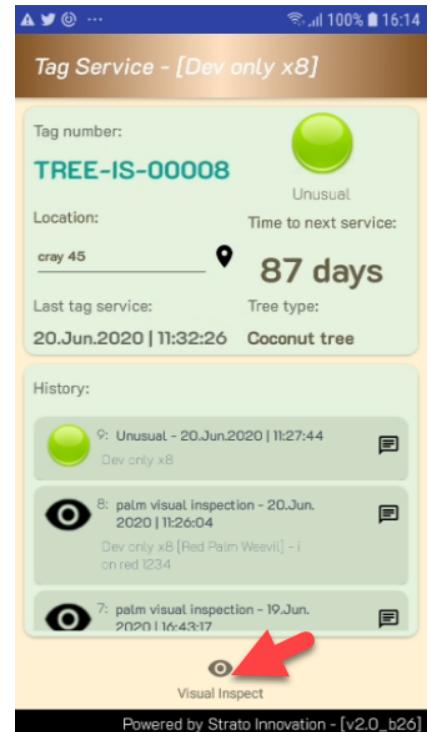
On field treatment: to visual inspection, pheromone replacement.

How to use

- (1) On Tag Service Screen, scan NFC tag. Tag information will display on the screen.

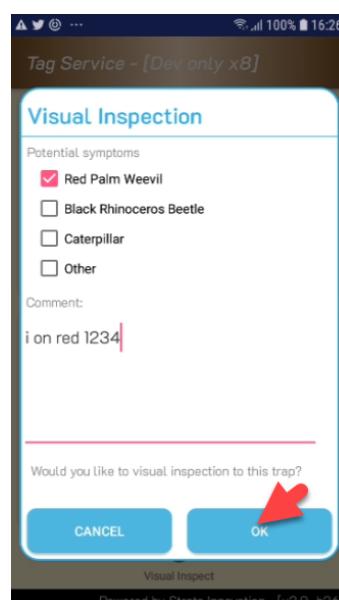


Picture of Tag Service Screen



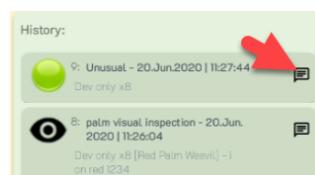
Picture of Tag Service Screen

- 2) For add new visual inspection or pheromone change, user can tap menu. And then enter any comment that necessary for this action and tap OK button.



Picture of Edit Comment Screen

- (3) For edit a selected comment, user can tap on message icon. And then edit comment and tap OK button.



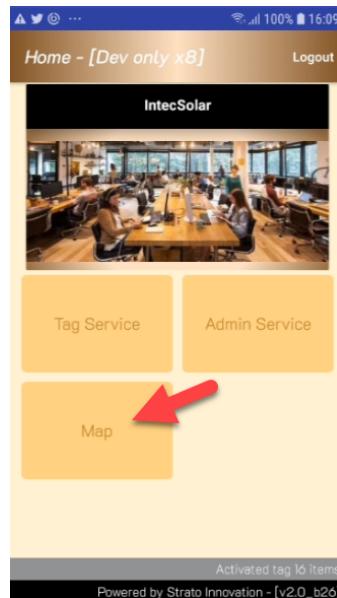
Picture of place to edit comment

Monitoring by Map

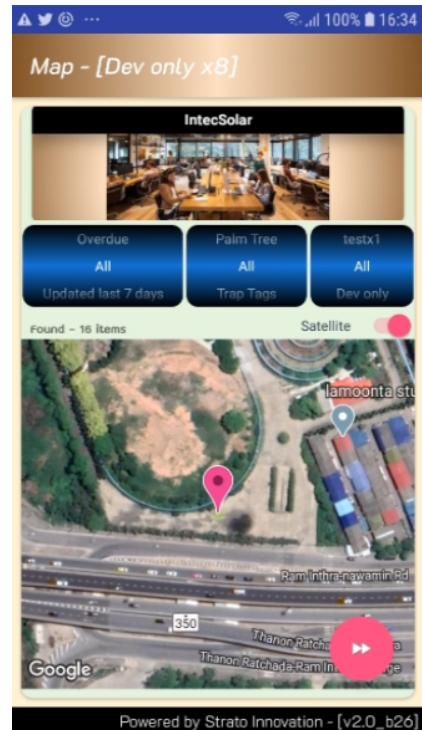
To monitor tags status by Map.

How to use

(1) From "Home" screen, go to "Map" menu.



Picture of Map menu

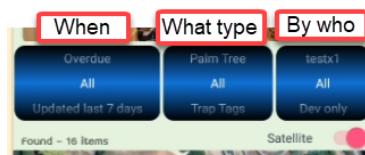


Picture of Map Screen

(2) By default, it will show all tags marker on the map.

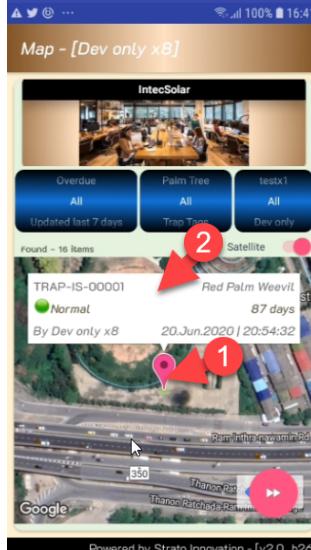
(3) You can filter the number of tags marker to display by select filers that you interested.

- When = When they updated
- What type = Tag Type
- By who = Updated by who



Picture of the filter area

(4) When you tap on a marker, it will show tag information dialog. You can tap on this dialog to open "Tag Service" screen to see more detail on this tag.



Picture of tag information dialog

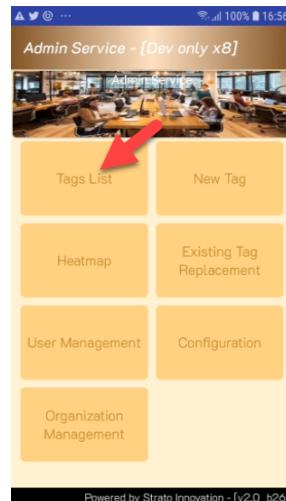
Tags List Monitoring (1 of 2)

To monitor tags status by tags list.

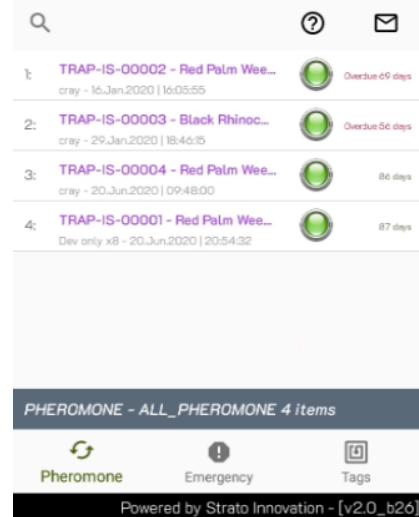


How to use

(1) From Home screen, tap "Admin Service" menu. On "Admin Service" screen, go to "Tags List" menu.



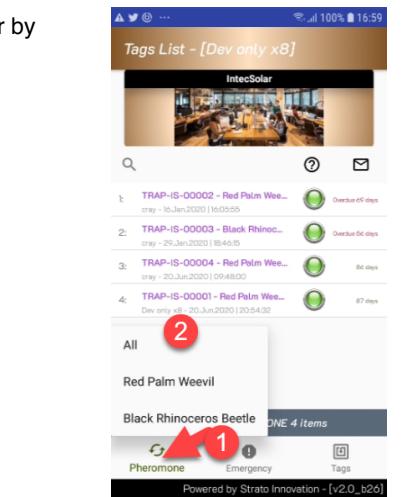
Picture of Tags List menu



Picture of Tags List Screen

(2) To view trap tags, tap on "Pheromone" menu. It will show the list of trap tags that can filter by

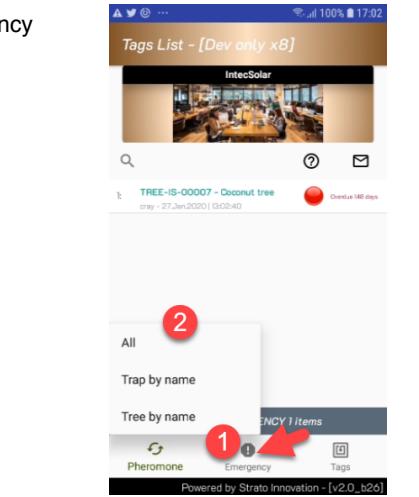
- All = All trap type tags
- Red Palm Weevil = Trap tags with Red Palm Weevil type
- Black Rhinoceros Beetle = Trap tags with Black Rhinoceros Beetle type



Picture of the Pheromone menu

(3) To view Emergency status tags, tap on "Emergency" menu. It will show the list of emergency status tags that can filter by

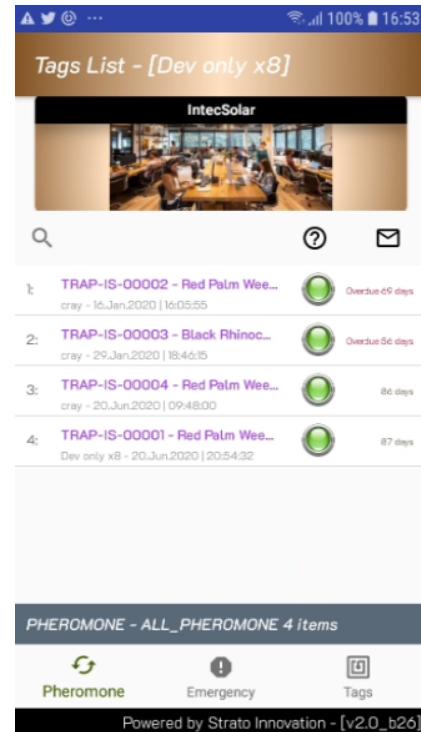
- All = All tags that have emergency status.
- Trap by name = Trap type tags that have emergency status.
- Tree by name = Tree type tags that have emergency status.



Picture of the Emergency menu

Tags List Monitoring (2 of 2)

To monitor tags status by tags list.

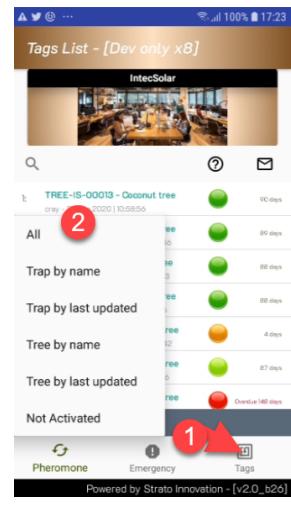


Picture of Tags List Screen

How to use

(4) To view all tags, tap on “Tags” menu. It will show the list of tags that can filter by

- **All** = All tags.
- **Trap by name** = Trap type tags sorted by tag name.
- **Trap by last updated** = Trap type tags sorted by last updated.
- **Tree by name** = Tree type tags sorted by tag name.
- **Tree by last updated** = Tree type tags sorted by last updated.
- **Not Activated** = Tags that not activated yet. (Not include inactive/deleted tags)



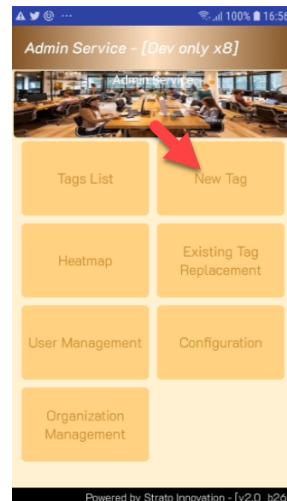
Picture of the Tags menu

Write a New Tag (1 of 2)

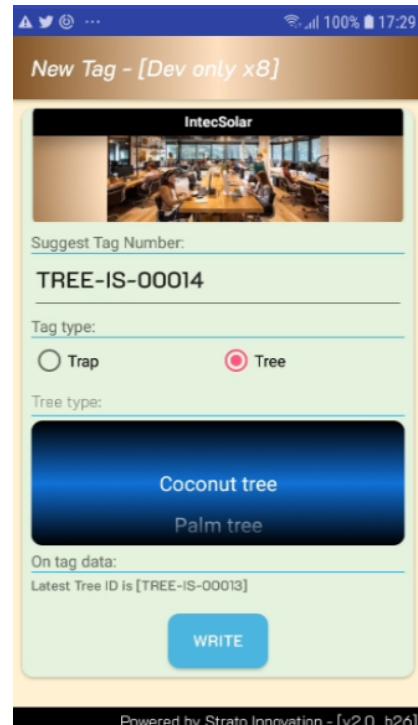
To write a new tag data to NFC tag.

How to use

(1) From "Admin Service" Screen, go to "New Tag" menu.



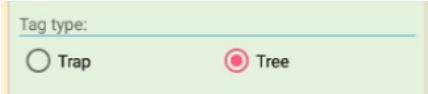
Picture of New Tag menu



Picture of New Tag Screen

(2) Select "Tag type" that you want to write.

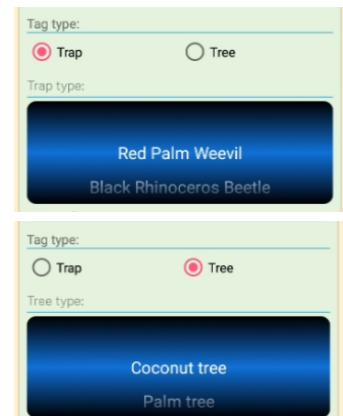
- Trap type = It should be select when you need to write data on trap tag.
- Tree type = It should be select when you need to write data on tree tag.



Picture of Tag type

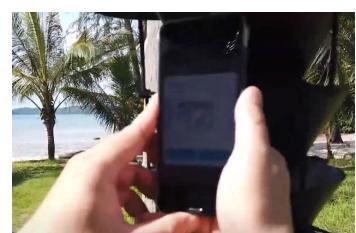
(3) Select "Trap or Tree type" that you want to write.

- Trap type = Red Palm Weevil, Black Rhinoceros Beetle
- Tree type = Coconut tree, Palm tree



Picture of Trap tag type and Tree tag type

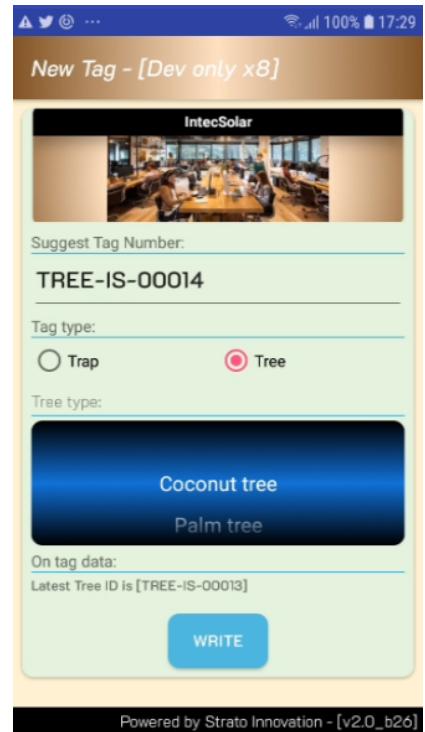
(4) Bring your NFC phone to scan a new NFC tag that you want to write data on. Hold this position, and then tap on "WRITE" button to start writing tag data process.



Picture of scan tag

Write a New Tag (2 of 2)

To write a new tag data to NFC tag.



Picture of New Tag Screen

How to use

- (5) Wait until write tag is successful dialog popup. The next new tag id will display at "Suggest Tag Number" area.

Suggest Tag Number:

TREE-IS-00014

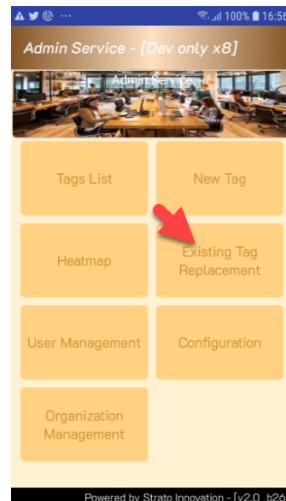
Picture of Suggest tag number area

Write a Tag Replacement

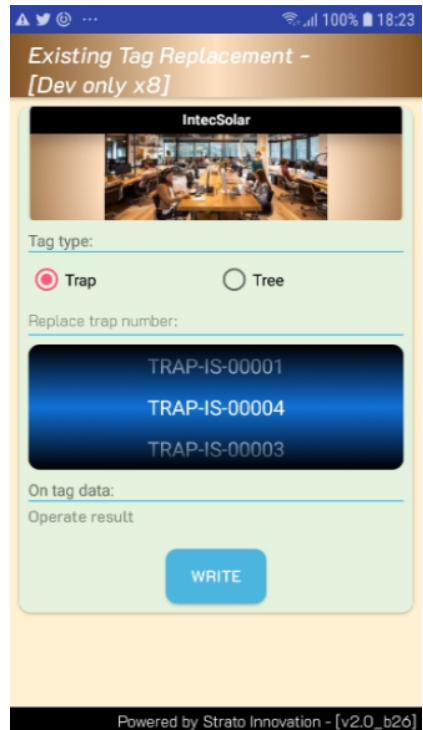
To write an existing tag data to the new NFC tag replacement when the previous tag lost or broken.

How to use

- (1) From "Admin Service" Screen, go to "Existing Tag Replacement" menu.



Picture of Existing Tag Replacement menu



Picture of Existing Tag Replacement Screen

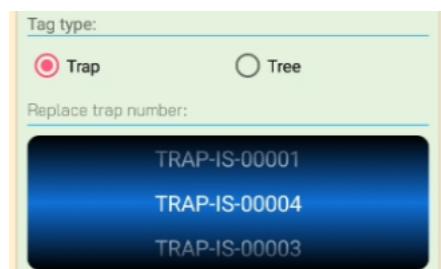
- (2) Select "Tag type" that you want to write.

- Trap type = It should be select when you need to write data on trap tag.
- Tree type = It should be select when you need to write data on tree tag.



Picture of Tag type

- (3) Select the existing "Trap or Tree id" that you want to write to the replacement tag.



Picture of "Replace trap or tree number"

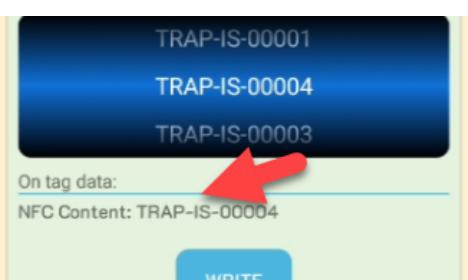
- (4) Bring your NFC phone to scan a new NFC tag that you want to write data on.

Hold this position, and then tap on "WRITE" button to start writing tag data process.



Picture of WRITE button

- (5) Wait until write tag is successful dialog popup. You can verify the written tag id by scan it again. The tag id will display at "On tag data" area.



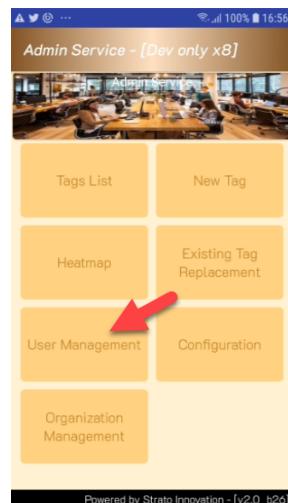
Picture of "On tag data" area

User Management

To edit user information. ie. User name, role, email address, active status.

How to use

- (1) From "Admin Service" Screen, go to "User Management" menu.



Picture of User Management menu

User Management - [Dev only x8]		
IntecSolar		
1: testx1	user	Active
2: test2	admin	Active
3: cray	admin	Active
4: Test User	user	Active
5: Taung	admin	Active
6: Phuribun Intec	admin	Active
7: Phuribun	admin	Active
8: Dev only x8	admin	Active
8 items		
Powered by Strato Innovation - [v2.0_b26]		

Picture of User Management Screen

- (2) Select an user that you want to view/edit data by tapping.

7: Phuribun	admin	Active
8: Dev only x8	admin	Active

Picture of tapping user row

- (3) You can edit the following information as you want.

- **Username** = Name of the current user who login App.
- **Role** = “User” role cannot see “Admin Service” menu. “Admin” can see “Admin Service” menu.
- **Email** = Email address to send the notification report by system.
- **Active user** = Allow the selected user to able or not able to use App.



Picture of "User Edit" screen

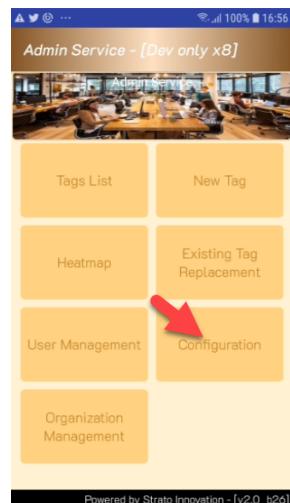
- (4) And then tap “OK” button to save data.

Configuration

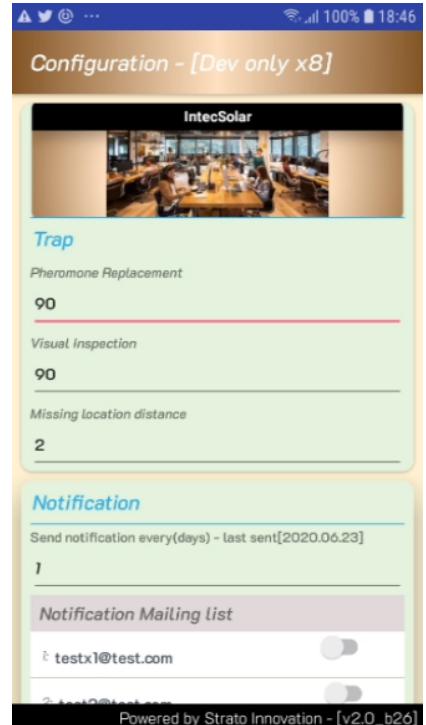
To edit system configuration values that you want. Those values will effect to the following functional.

How to use

- (1) From "Admin Service" Screen, go to "Configuration" menu.



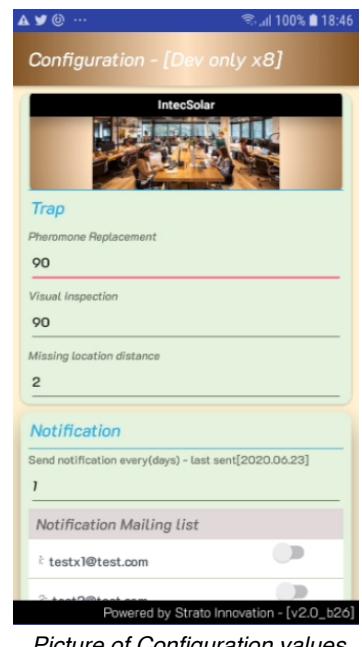
Picture of Configuration menu



Picture of Configuration Screen

- (2) After edit the values that you want.

- *Pheromone Replacement* = Time to change pheromone trap.
- *Visual Inspection* = Time to do visual inspection on each tree or trap.
- *Missing location distance* = Distance that App decide to inform the tag that move out from the original location.
- *Send notification very(days)* = The number of days that system will sent out the notification report email.
- *Notification Mailing List* = List of email that system will sent the notification report email.
- *Auto activated tag after write new tag* = To speed up the new tag installation, You can allow App to do automatically activated tag after write the new tag.



Picture of Configuration values

- (3) And then tap "SAVE" button to save data.



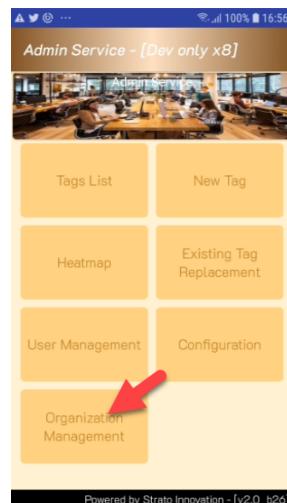
Picture of "SAVE" button

Organization Management

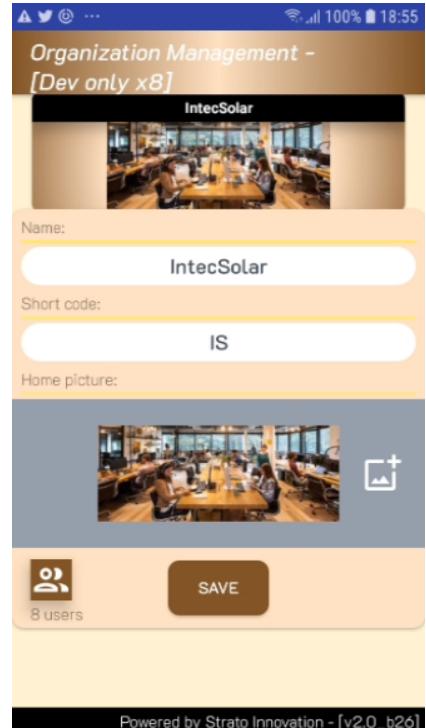
To edit your organization data.
To assign new user member in organization.

How to use

(1) From "Admin Service" Screen, go to "Organization Management" menu.



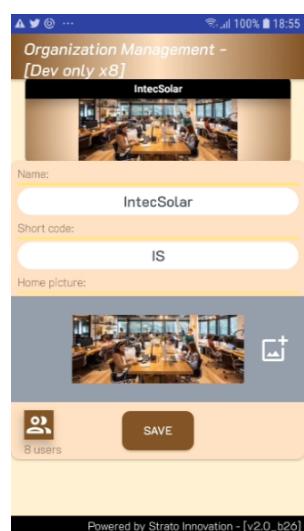
Picture of Organization Management menu



Picture of Organization Management Screen

(2) For edit organization information, edit the values that you want. And then tap "SAVE" button to save data.

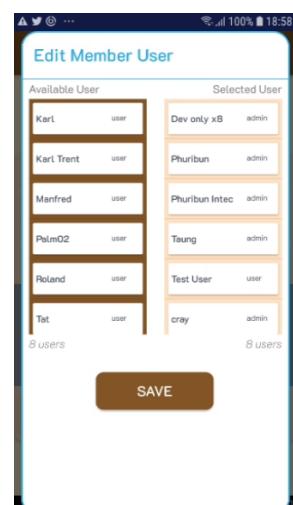
- *Name* = Organization name that display in App.
- *Short code* = The short code name that will be part of tag id.
- *Home picture* = The organization picture that will be display on banner list.



Picture of Organization values

(3) For add the new user member into your organization, tap the "people" icon to show "Edit Member User" screen.

- (3.1) Tap and hold on an user item on the "Available User" list on the left hand side.
- (3.2) Drag and drop the selected user item to the "Selected User" area on the right hand side.
- (3.3) After that tap "OK" button to save data.



Picture of "Edit Member User" screen