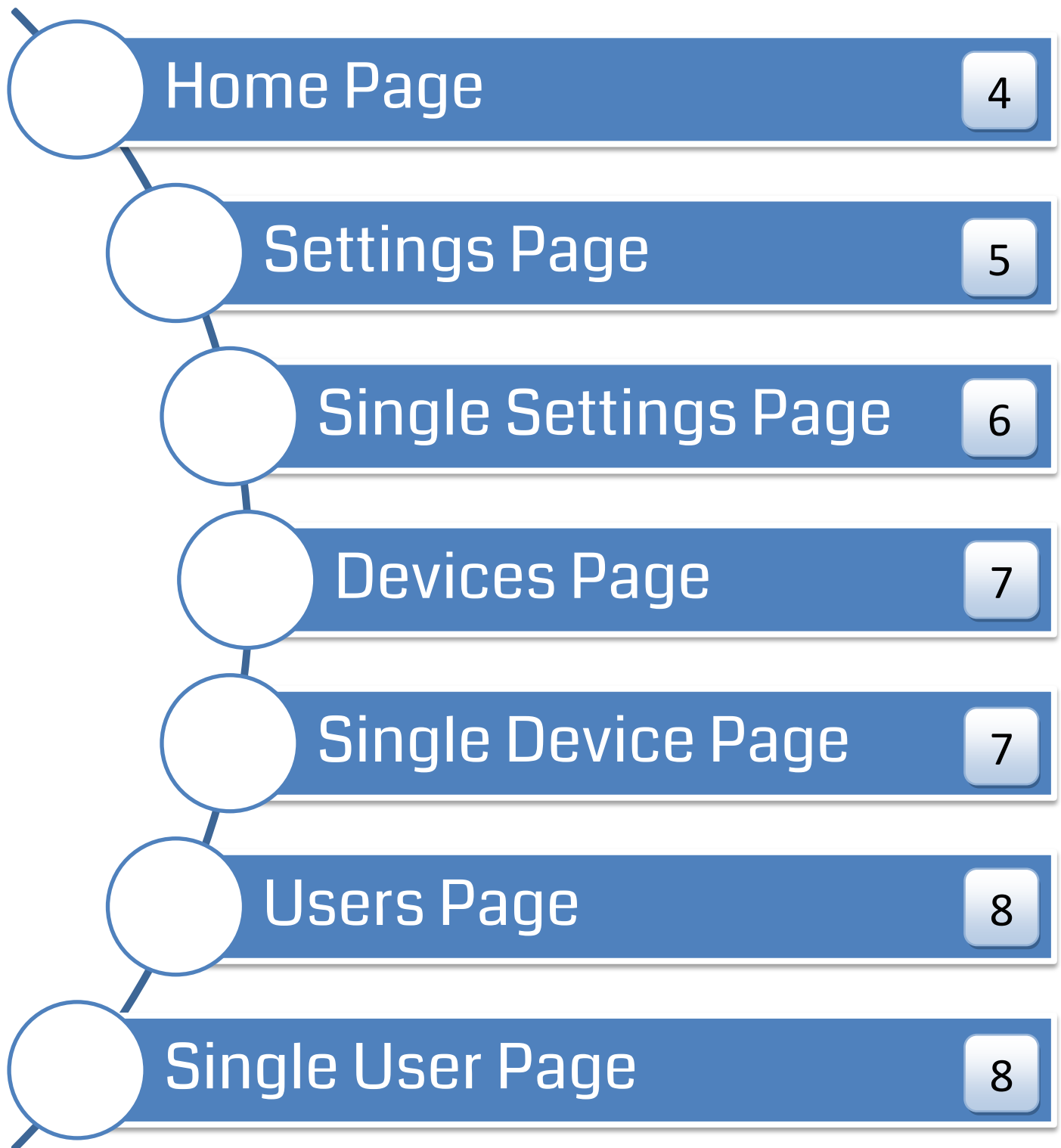




User Manual

Bring Your Own Device (BYOD) Asset Tracker





Home Page

- Register devices via the “Registration Device” widget.
- Fix a device via the “Fix Device” widget and view the device directly.
- View basic statistics of the system.



Settings Page

- View and manage blacklisted devices.
- View and manage weights assigned to scan results.



Single Settings Page

- View weights assigned to a specific setting.



Devices Page

- Register devices via the “Registration Device” widget.
- Fix a device via the “Fix Device” widget and view the device directly.
- View waiting list and registered devices.



Single Device Page

- View owner, registration date, current rating and last scan date.
- A list of all scans performed on device.



Users Page

- A list of registered and queued for registration users.



Single User Page

- View the employee ID, full name, date of registration and list of devices linked to this employee.

Home Page

“Register Device” widget

1. Type in the token of a non-registered device.
2. If the message displays that it has found the device, press “Register” to register the device.
3. Otherwise, make sure you have typed in the right value.

Register Device

Register a device by entering the device's token

Token:

Register Device

Register a device by entering the device's token

Token: token

Manufacturer Model found

“Fix Device” widget

1. Type in the token of a registered device.
2. If the message displays details related to the device, press “Fix Device” to view device details.
3. Otherwise, make sure you have typed in the right value.

Fix Device

Fix a device by entering the device's token

Token:

Fix Device

Fix a device by entering the device's token

Token: token

**Name Surname:
Manufacturer Model**

Usage statistics

1. Usage statistics:
 - No. registered devices.
 - No. non-registered devices.
 - No. scans allowed access.
 - No. scans denied access.
2. System configuration weights:
 - Displays the current settings weights, see settings page for more.

Usage Statistics

Registered Devices: 3

Registered Queue: 1

Access Allowed: 2

Access Denied: 0

System Configuration

Rooted	USB Debug	Unknown Sources	App Low	App Medium	App High	App Blocked
10	10	10	5	10	15	100
Access Margin: 60						



Settings Page

Blacklisted Applications

Weighted System

Application Categories

Blacklisted Applications

1. View blacklisted applications.
2. Remove a blacklisted application.
3. Add a new blacklisted application by providing the name and category. The category is based on the severity of the threat the app posts.

Blacklisted Applications

Name

Facebook

Category

Medium

Remove

Add Blacklisted Application

Add Blacklisted App

New Blacklisted Application

Application name

Application

Application category

Low

Add Blacklisted App

Weighted system

The weight system allows you to customise how strict the scan should be and enables you to prioritise components to meet your security needs.

- Description of weights:
 - *API Level:* Every Android OS version has an API it uses with security implementation increasing in efficiency as newer versions come out. Thus the older the version, the higher the weight against the device.
 - *USB debugging:* If enabled, any application can easily be installed from a third party, normally a PC.
 - *Unknown sources:* Applications with unknown sources are less trusted and possibly malicious.
 - *Rooted:* A rooted device can easily bypass security checks.
 - *Access score:* The maximum score total allowed.

Settings Page cont.

Weighted system

Weight Category

API Level USB Debugging Unknown Sources Rooted Access Score

0 0 0 0 0

Application Category

Low Risk Medium Risk High Risk Blocked

0 0 0 0

Save Settings

Single Settings Page

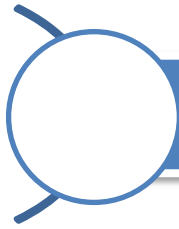
View a specific setting

View weights of a specific setting.

- ➔ Accomplished by viewing a device
- ➔ Click “Setting” button next to the scan of your choice.

Scan Setting

SettingID	Date	Access Score	APIRooted	Debugging Enabled	Unknown Sources	Low Risk App	Medium Risk App	High Risk App	Blocked Risk App
1	2013-10-23 13:18:41.0	60	10	10	10	5	10	15	100



Devices Page

“Register Device”
and “Fix Device” widget

Refer to Home Page.

View Devices

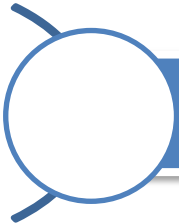
View unregistered and registered
. .

Registration Queue

Manufacturer	Model	Token	Username	Date	
Manufacturer	Model	token	username	2013-10-23 20:19:36.0	Register

Registered Devices

Manufacturer	Model	MAC Address	Serial Number	AndroidID	Date registered	Owner	
Manufacturer	Model	MAC Address	Serial Number	Android ID	2013-10-23 21:33:29.0	Name Surname	View



Single Device Page

Device operations

1. Remove the device.
2. View all scans performed on this device.
3. For each scan view the settings applied at that time by selecting “Setting”.

Manufacturer Model

[Remove device](#)

Owned by: Name Surname ([1235](#))

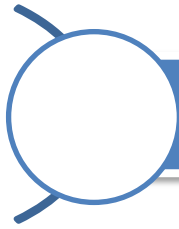
Registered on: 2013-10-23 21:33:29.0

Current Rating: 0

Last Date Scanned: 2013-10-23 21:37:19.0

Scans

Scan time	Rooted	USB Debugging	Unknown sources allowed	Blacklisted Apps	API Level	Total Score	Access Allowed	
2013-10-23 21:37:19.0	0: [false]	0: [false]	0: [false]	0: [empty]	0: [0]	0	true	Setting



Users Page

Users operations

- View users awaiting registration.
- View users already registered.

User Registration Queue

Registered Users

Registration Queue

Fullname	IDNumber	Username	Date registered	Devices
Name Surname	ID Number	username	2013-10-23 20:19:36.0	View

Registered Users

EmpID	Fullname	IDNumber	Username	Date registered	Devices
1234	Werner Raath	1234567890	werner	2013-10-23 13:57:32.0	View
1235	Name Surname	1234	username	2013-10-23 21:32:53.0	View



Single User Page

User operations

1. Remove the employee.
2. View all devices owned by this employee, registered or not registered.
3. Every device is viewable separately by selecting "View".

Name Surname

[Remove user](#)

ID:1234

Username: username

Registered on: 2013-10-23 21:32:53.0

Registration Queue

Manufacturer	Model	Token	Username	Date
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Registered Devices

Manufacturer	Model	MAC Address	Serial Number	AndroidID	Date registered	
Manufacturer	Model	MAC Address	Serial Number	Android ID	2013-10-23 21:33:29.0	View