

# USER MANUAL iCrawler

Emilio Mumba

The 5 Concurrent Nodes

Khathutshelo Shaun Matidza  
Sylvester Sandile Mpangane  
Thabang Michael Letageng  
Aluwani Augustine Simetsi  
Matthew Nel

Department of Computer Science, University of Pretoria

July 2015

# Contents

<b>1</b>	<b>Overview</b>	<b>3</b>
<b>2</b>	<b>Configuration</b>	<b>4</b>
<b>3</b>	<b>Installation</b>	<b>5</b>
<b>4</b>	<b>Getting Started</b>	<b>6</b>
<b>5</b>	<b>Using the App</b>	<b>9</b>
<b>6</b>	<b>Troubleshooting</b>	<b>9</b>


# 1 Overview

*iCrawler* is a monitoring app available for Android only. The app uses your device's internet connection to send data logs collected from your phone to a desktop-dashboard for review. The app is absolutely free to download.

## WHY USE ICRAWLER:

- Child monitoring  
*iCrawler* can be use by parents/guardians to monitor activities that their minor children get up to.
- Employee monitoring  
Companies that give their employees mobile devices can use the *iCrawler* to monitor any unauthorized activities that employees may get up to.

## 2 Configuration

 iCrawler	
<b>Stable release</b>	1.0
<b>Development status</b>	Active
<b>Operating System</b>	Android 4.2+
<b>Platform</b>	Android
<b>Internet connection</b>	Yes
<b>Available in</b>	English
<b>Type</b>	Monitoring App
<b>License</b>	Free
<b>Website</b>	<a href="https://www.github.com/u11241617/COS301-Mobile-Monitoring-App">www.github.com/u11241617/COS301-Mobile-Monitoring-App</a>

## 3 Installation

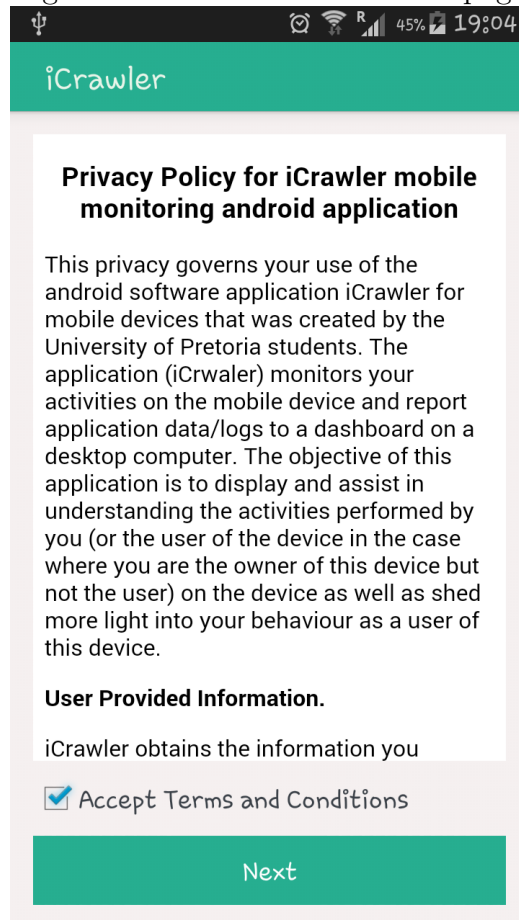
## 4 Getting Started

After successful installation, locate the iCrawler app icon and click on it to run the app.

- **Terms and Conditions**

Before you can use iCrawler you need to read the 'Terms and Conditions' on startup and only after accepting them can you proceed, if you don't accept you can not use the app.

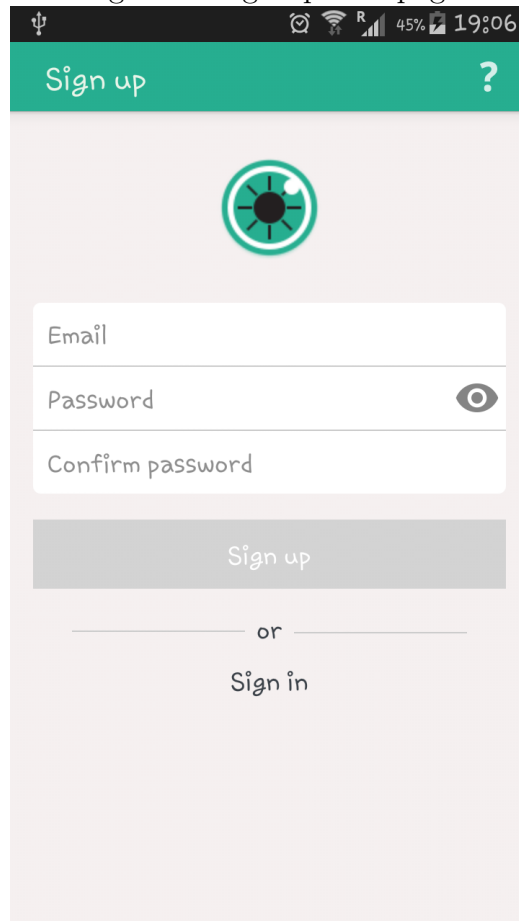
Figure 1: Terms and Conditions page




- **Sign up new user**

If you are a first time user you need to sign up after accepting the 'Terms and Conditions'. You need to provide a working *email address* and create a *password* you will use to sign in with in future. If you have an existing account, simply 'click Sign in' to go to the sign in page.


Figure 2: Sign up user page



Sign up ?



Email

Password 

Confirm password

Sign up

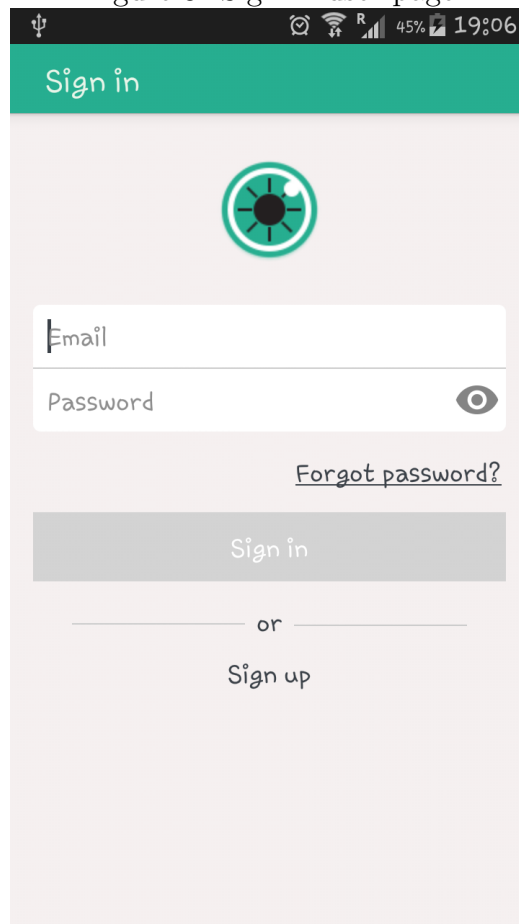
or

Sign in

- **Sign in as existing user**

If you have used the iCrawler app before, you need not to sign up again, simply enter your credentials and then 'click Sign in' in order to subscribe the new device. If not, 'click Sign up' to register as a new user.

Figure 3: Sign in user page



The screenshot shows the 'Sign in' page of the iCrawler app. At the top, there is a green header with the text 'Sign in'. Below the header is a circular logo with a green border and a black center. Under the logo are two input fields: 'Email' and 'Password'. The 'Password' field has a toggle icon (an eye) to its right. Below the input fields is a link that says 'Forgot password?'. At the bottom, there is a large grey button labeled 'Sign in'. Below this button, there is a horizontal line with the word 'or' in the center, and below that, the text 'Sign up'.



## 5 Using the App

The app runs in the background after 'Signing up or Signing in'; there is no other form of interaction with the app thereafter. You can access the log reports generated via the dashboard.

## 6 Troubleshooting

The following section lists some common issues and their resolutions. **iCrawler does not launch.** Restart your phone and try to launch the application again. **iCrawler crashes immediately after launch.** Ensure that your device meets the minimum specifications to run iCrawler (See configurations). Go to Settings -> Apps -> Manage Apps -> Running, to check if your apps are not using up all your memory. Try to end all processes you do not need and re-start your phone. **Other unknown causes.** If problems continue, delete the app completely and then reinstall it from Google Play. And if this does not solve the issue, contact our support: [support@iCrawler.co.za](mailto:support@iCrawler.co.za)