

## **Group Project 14 - User manual**

### **User Manual**

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*Config. Ref.:* GP14-USERMANUAL-01  
*Date:* 2014-01-30  
*Version:* 1.0  
*Status:* Release

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## **1 INTRODUCTION**

### **1.1 Purpose of this Document**

To give the user an overview of how to use the application for its intended use.

### **1.2 Scope**

This document covers how the application should be used, what each individual screen and button does. It also covers the results of each action in different conditions.

### **1.3 Objectives**

This document should leave the user with the necessary skills to operate the program for its intended purpose under all circumstances.

## 2 THE APP

### 2.1 The start screen



This is the welcoming screen of the application.

This only displays our apps logo and a button. The button leads you to the screen letting you write the details of your walk.

## 2.2 The walk details screen

On this screen you choose what the name or "keyword" of the walk will be, give a short description of the walk and a long description of the walk. On this screen there are some vital details to keep in mind:

1. All fields need to have text in them
2. The name may not contain any spaces
3. The name may not be longer than 255 characters
4. The short description may not be longer than 100 characters
5. The long description may not be longer than 1000 characters

However if you forget any of these details a helpful error will appear. You are also faced with 2 buttons, one which validates your input and takes you to the Route editor, and one that cancels the walk and takes you back to the welcome screen.

WalkDetailsActivity

Name

The name of your new walk

Short Description

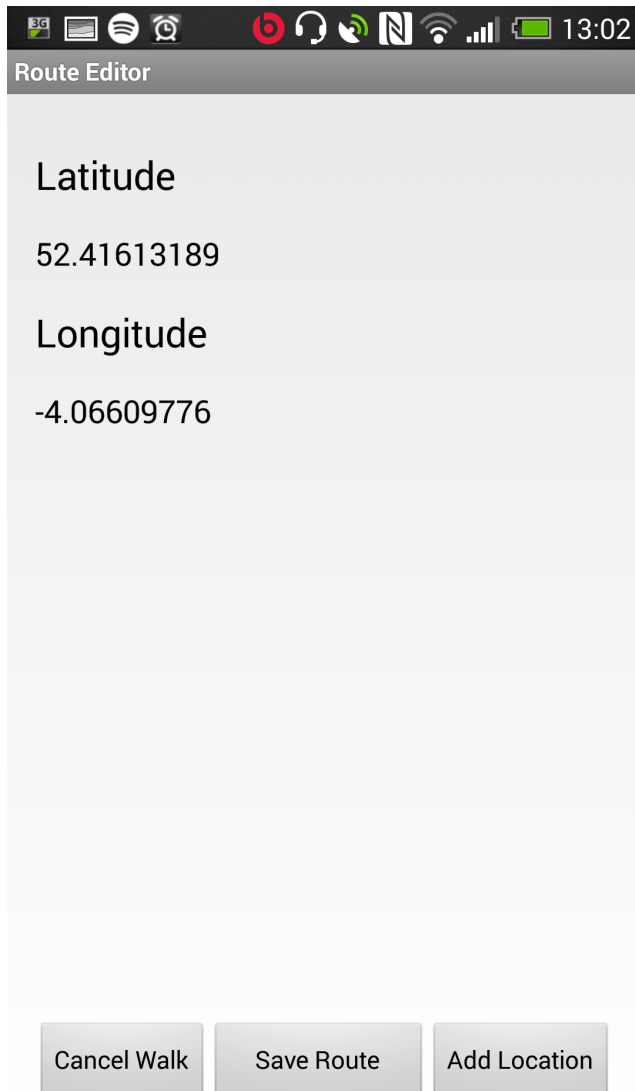
Short description of your walk

Long Description

Long description of your walk

Create Cancel

## 2.3 The walk details screen



you can add points of interests and pictures.

The route editor is the screen that will be active for most of the walk. Pressing back will have no effect, however you can press the home button and the app will run fine in the background. This screen will show you coordinates live on the screen as long as your GPS has a signal. If you do not have a signal, it will display 0.00000 on both values.

You are also presented with 3 options, one to cancel the walk, one to Add a Location and one to save route.

Cancel walk is quite self explanatory, it will erase the current walk and take you back to the welcome page, however it will give you a warning before doing so.

The save route button will end your current walk and try to upload it to the server, however if you do not have not added a location or have not established a link with the GPS satellite it will not let you do so, if you do not currently have an internet connection, an error will pop up.

The add location button takes you to the final screen where

## 2.4 Adding locations

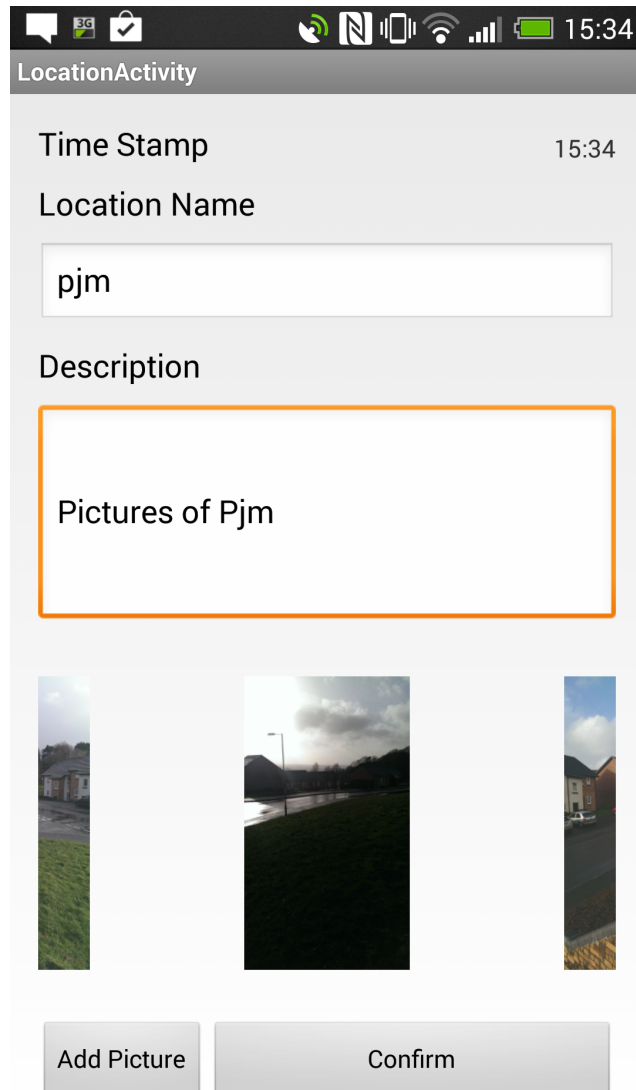
The location screen is where you add your points of interest during your walk.

At the top you can see the timestamp, underneath there are 2 boxes to fill.

Both the "Location Name" and the "Description" need to be filled in, or you will get an error message, both fields also have a character limit, the "Location Name" may not be longer than 255 characters, and the "Description" may not be longer than 1000 characters. If these limits are exceeded the program will not let you confirm, nor if you do not fill them in.

You can also add pictures to your location. By pressing the add picture button your camera will activate. If you are unhappy with your picture you can choose to discard it, and take a new one, however if you click to confirm it is not removable. All pictures taken will show up as thumbnails on the screen as shown in the picture, and will also be stored on your phone if you want to use them in the future.

Confirming will take you back to the walk details screen so you can continue your walk.



LocationActivity

Time Stamp 15:34

Location Name

pjm

Description

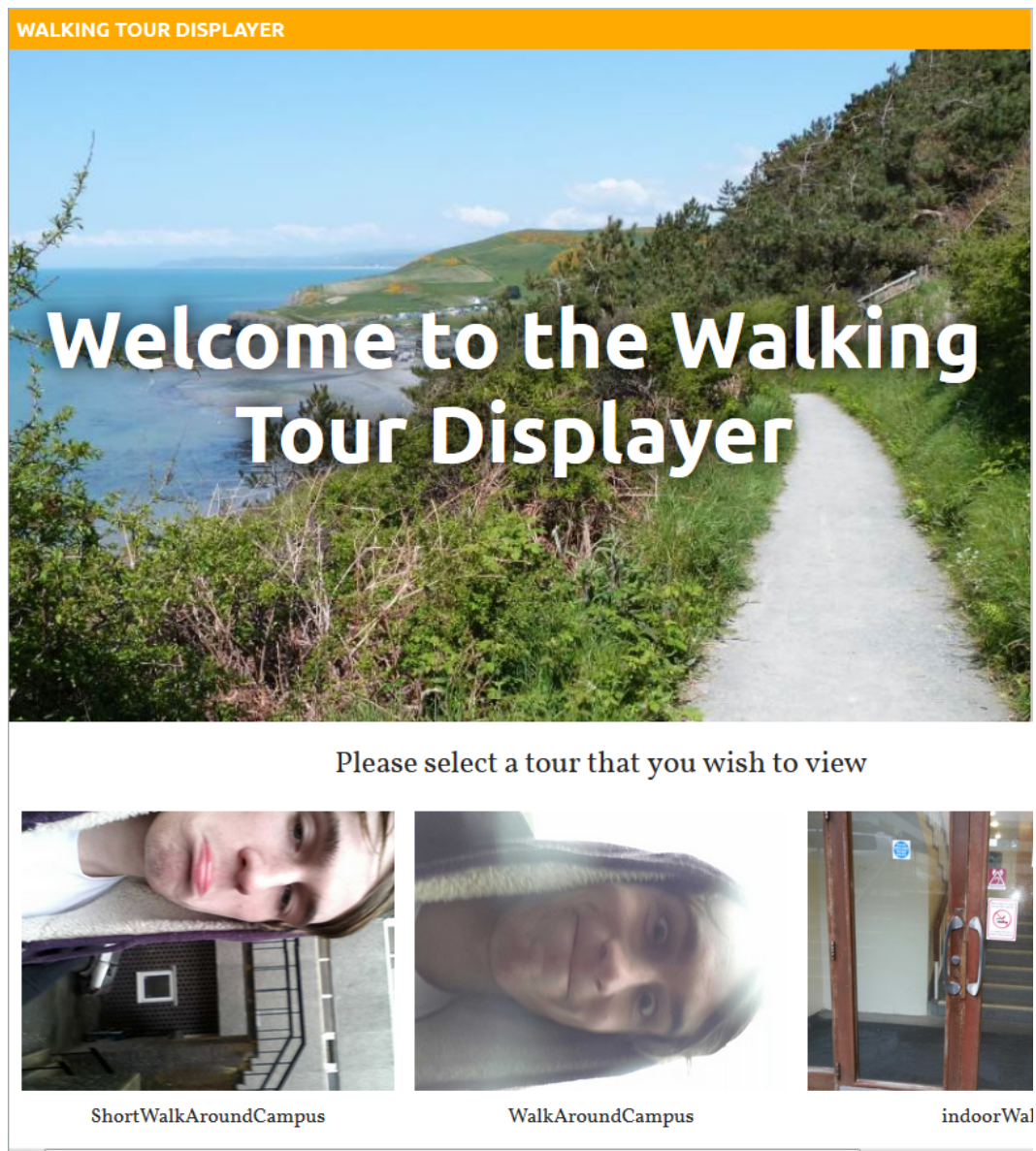
Pictures of Pjm

Add Picture Confirm

### 3 THE WEBPAGE

#### 3.1 Front page

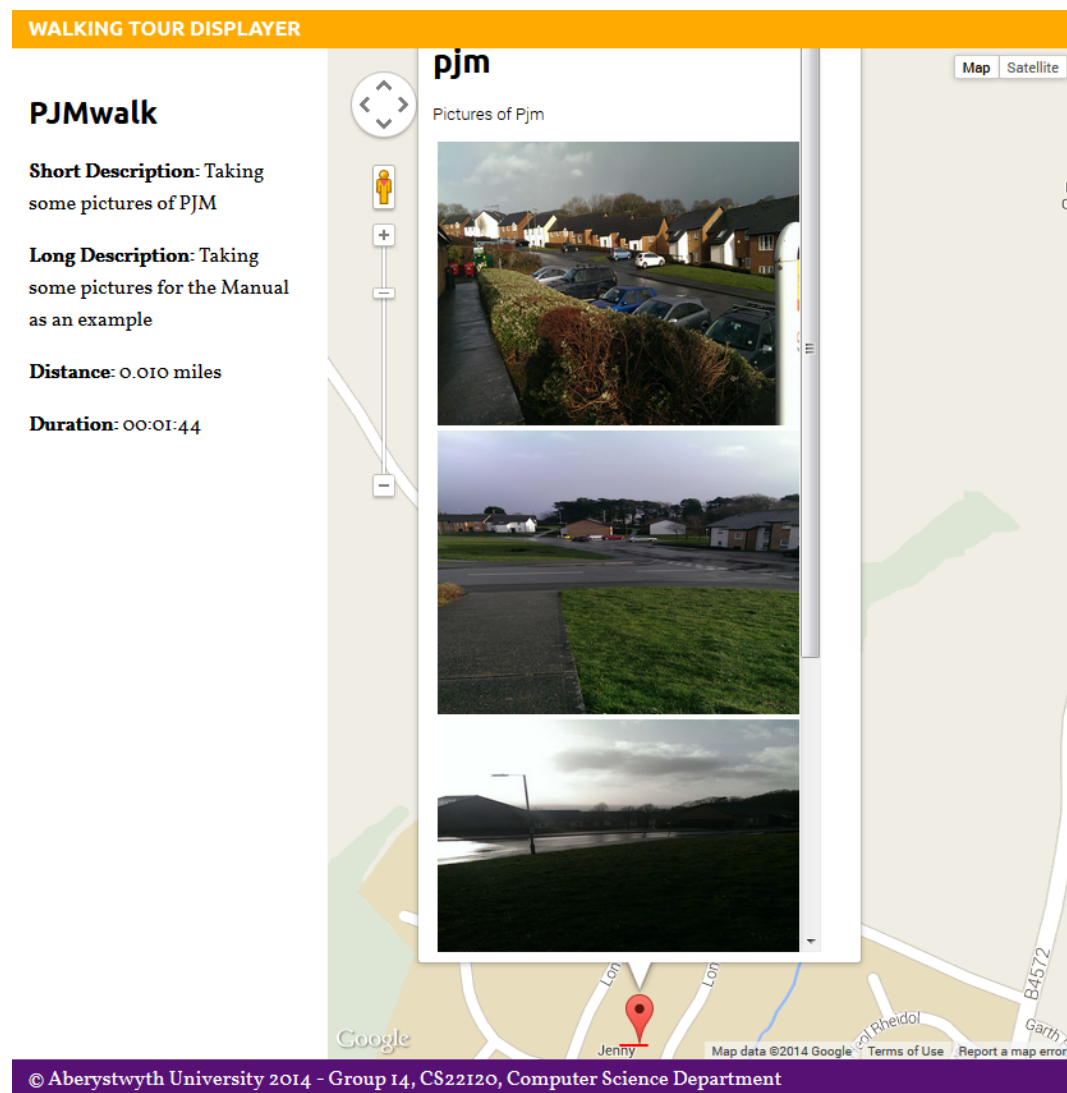
All the walks can be accessed at <http://jakemaguire.co.uk/projects/wtc/> where all the walks are presented as click-able icons. When a walk has been selected you will be presented with the walk.





### 3.2 The walk

Each walk will be presented as shown below. It will show all the data you as a user have written about the walk, how long your walk was, and how long it took. The map will also display a red line showing exactly where you have walked. Every location you have added will be marked on the map with the pictures you have taken, and the notes you have taken about that specific location.



## **DOCUMENT HISTORY**

Version	CCF No.	Date	Changes made to Document	Changed by
0.1	N/A	2013-11-11	Initial creation	LAH25
1.0	N/A	2014-02-14	Completing the rest of the manual	LAH25