**Pathway User Manual**

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**Installation:** To install Pathway on your Android enabled device, you must download and install Android studio and then clone the Android-pathway github repository. Once loaded, run the application in Android studio while connected to your device to install Pathway.

**Using Pathway:** To begin using Pathway, tap on the button inside your applications list that reads Pathway. This will bring up the main hub for Pathway, which is a map view based on your current location. From this main hub, most functionality is disabled until a user logs in to Pathway. Upon successful login, a user may: record a route, browse existing routes on the map, view their profile, view achievements, and view their friends list if logged in through facebook.

**Logging in:** To login, go to the login tab of the nav-drawer and tap it. Upon tapping it you will be brought into a new form with a username and password field. Fill these out and hit the login button. If you have an account, you will be redirected to the main hub, and you can now access all of Pathway’s features.

If you don’t have an account, tap on the register link, (or the facebook link to login with your facebook account). This will bring up a new form for you to fill out to register. After filling out all fields and hitting the register button, press back to return to the login page and then proceed to login using the username and password for the account you just created. You are now logged in.

**Viewing User information:** Now that you are logged in, you can view any of the tabs that are on the nav-drawer. Each of these will take you to a new view.

On tapping the user account page, you will presented with your account information, which includes such things as sex, phone number, username, and so on. You will also see some standard user statistics. These will remain unpopulated on your first login until you run a route. Your account information can also be edited by tapping the edit button and changing what you want to, then tapping the save button to save it to your account. Next is the Routes page. Upon tapping this page, you will be presented with a list of all the routes you have saved with some minor statistics. Clicking on one of the Routes will yield a far more readable popup, which can be exited out of by tapping outside of the pop up area or by tapping on the back button.

Then there are your Achievements. Upon tapping this button, you will be presented with a list of your unlocked achievements, and any that are still locked.

Lastly is the Friends list. This feature is currently only accessible when logged in through facebook. Selection this option will show you a list of facebook friends that use the Pathway app.

**Recording Routes and other features:** To record a route of your own when on the main hub, just tap the start button and begin either running, walking, or biking. Once you are finished with your route, hit the stop button, and you will be prompted with a dialogue asking you if you want to save the route. If yes, give the route a name and select what kind of activity(run, walk, etc.) you did, and then click Save. A report will be generated and presented to you with details about your run. The Route will be saved to your user page.

**Running a Previously Existing Route:** To run an already existing route in your local area, browse for one on the map near you, move to the Route’s starting point, click the Route, and select Start Existing on the popup dialog. This will start recording a new Run of that Route. When the application detects you’ve reached the Route’s endpoint, the timer will automatically stop and generate a new report with details about your run.

While browsing existing routes, tapping on a Route on the map will bring up an info dialog, showing you the Route’s difficulty as well as name and other important features it has.