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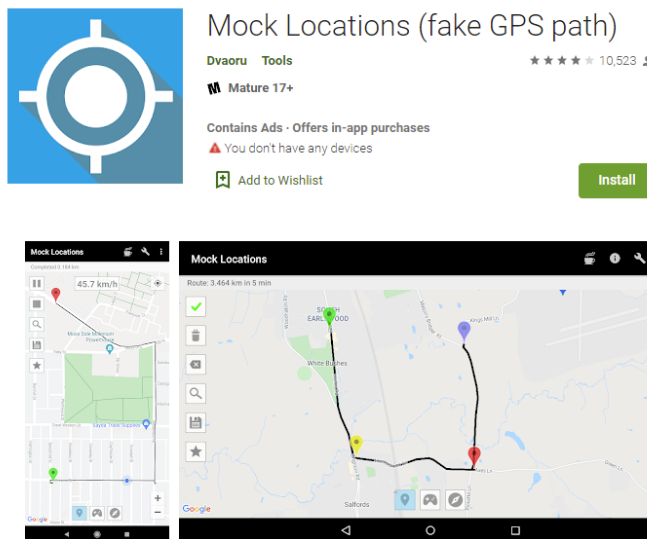
What you will need to get started:

- A valid email to sign up with using our firebase authentication
- The fitbit app with an associated account. If you don't have one you can use ours.  
Username: [pmenexas13@gmail.com](mailto:pmenexas13@gmail.com)  
Password: 8NS#?v%vTUPkPfs
- A physical android device and NOT the built in emulator
  - Note: Issues with GPS sensor with the emulator
- A mock GPS app for testing our GPS tracking with fake data, you can use any you want or follow our instructions
- Optional: A gpx file for routes if needed for mock location app, which several will be provided in this repository
- **Optional:** The spotify app logged into an account if you want to test the spotify portion.

**NOTE:** The app works without the mock GPS app but if you don't have a mock app set up, you will have to then start running in the real world to test that the tracking works. You would also need to have cellular data to get the necessary precision via GPS.

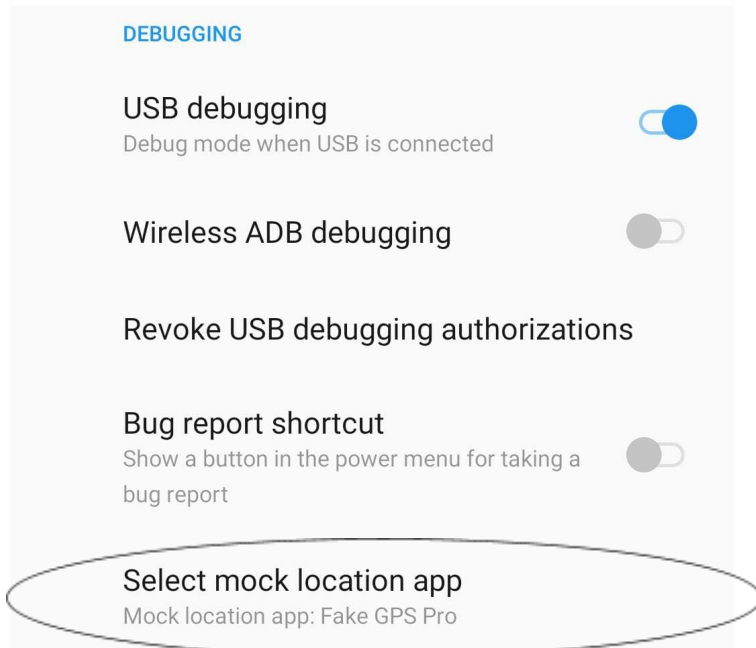
### Mock GPS setup:

Step 1: Download The Mock Locations app off the google play store:



Link: <https://play.google.com/store/apps/details?id=ru.gavrikov.mocklocations>


Step 2: Set 'Select mock location app' as your gps mock app in developer settings



### **Defining the Fake GPS Route**

Step 3: You can either make a route yourself by following the instructions on the app or use one of our premade paths. Follow step 3a if you want to make your own quick router or 3b and below for importing one of ours (importing ours is recommended).

#### **Make Your Own GPS Route**

3a. In the map, long click on the map to mark a “starting position” and a “ending position” and then click  to continue. Then it will ask for some metrics like how fast you want to run etc. After setting up the details, click “go!” and then the fake run will start.

**NOTE: Skip the rest of these steps and go to “Run the App” section**

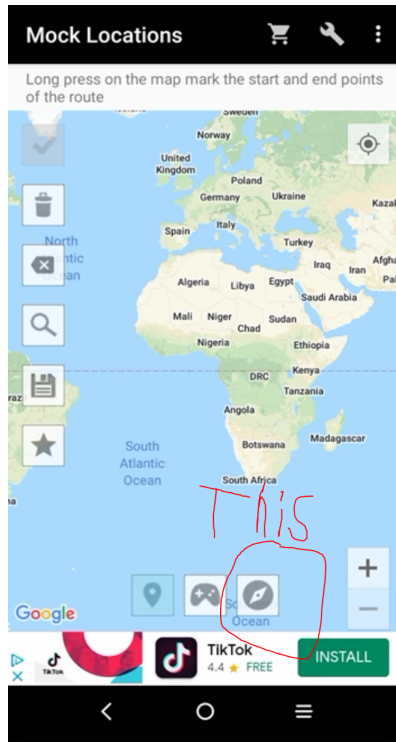
#### **Use Our premade GPS Route**

Step 3b: Download one of our gpx files in the “gps routes” folder in order to make the device think it’s traveling in a predefined route. You can put it in your google drive or the account of the physical phone you are using so you can just import it from there. The app will automatically pull up your google drive folder.

Step 4: Click on the compass icon on the bottom right of the Mock Trial App

Step 5: When you are asked to disable location accuracy, press settings and disable 'Improve Location Accuracy'

- In my case, I had to
  - press advanced first
  - then press google location accuracy
  - then uncheck the Improve Location Accuracy
  - **NOTE:** This is so your gps doesn't interfere with the mock app



Step 6: Come back to the app and make sure the compass icon is pressed, now press the download button on the top left, the button furthest down, and select the gpx file from your drive.

Step 7: Press the green play button and skip the ad and you should see the gps moving.

**NOTE:** If you come back to test the app after several days, you need to redownload the app for another free trial.

### **Run the App**

Step 1: Press the sign up button and use your email account as your username and you can make any desired password.

Step 2: Sign in with your own fitbit account or the one provided below

- Username: [pmenexas13@gmail.com](mailto:pmenexas13@gmail.com)
- Password: 8NS#?v%vTUPkPfs

Step 3: When prompted by fitbit, select allow all permissions

Step 4: Allow the google map to zoom in all the way and when it stops zooming click the high accuracy and loc update toggles

### **Optionally Adding Spotify**

Step 1: Make sure you have spotify installed on your device and are signed in with your spotify account.

Step 2: Run Spotify before you press the spotify button to the top left of the google map

Step 3: Press the spotify button to make the spotify ui appear and disappear.