

How to test

MOVEMENT AUTH APP

MovementAuth App is an academic research project on a login method based on movements with your iPhone. It explores a new way of login in to your accounts without having to remember a password and avoid computer algorithms to hack into your account (kind of like a CAPTCHA).



To complete the steps you will need an iPhone and a computer to test the whole method. This is a research project so it may have errors that are being recorded.

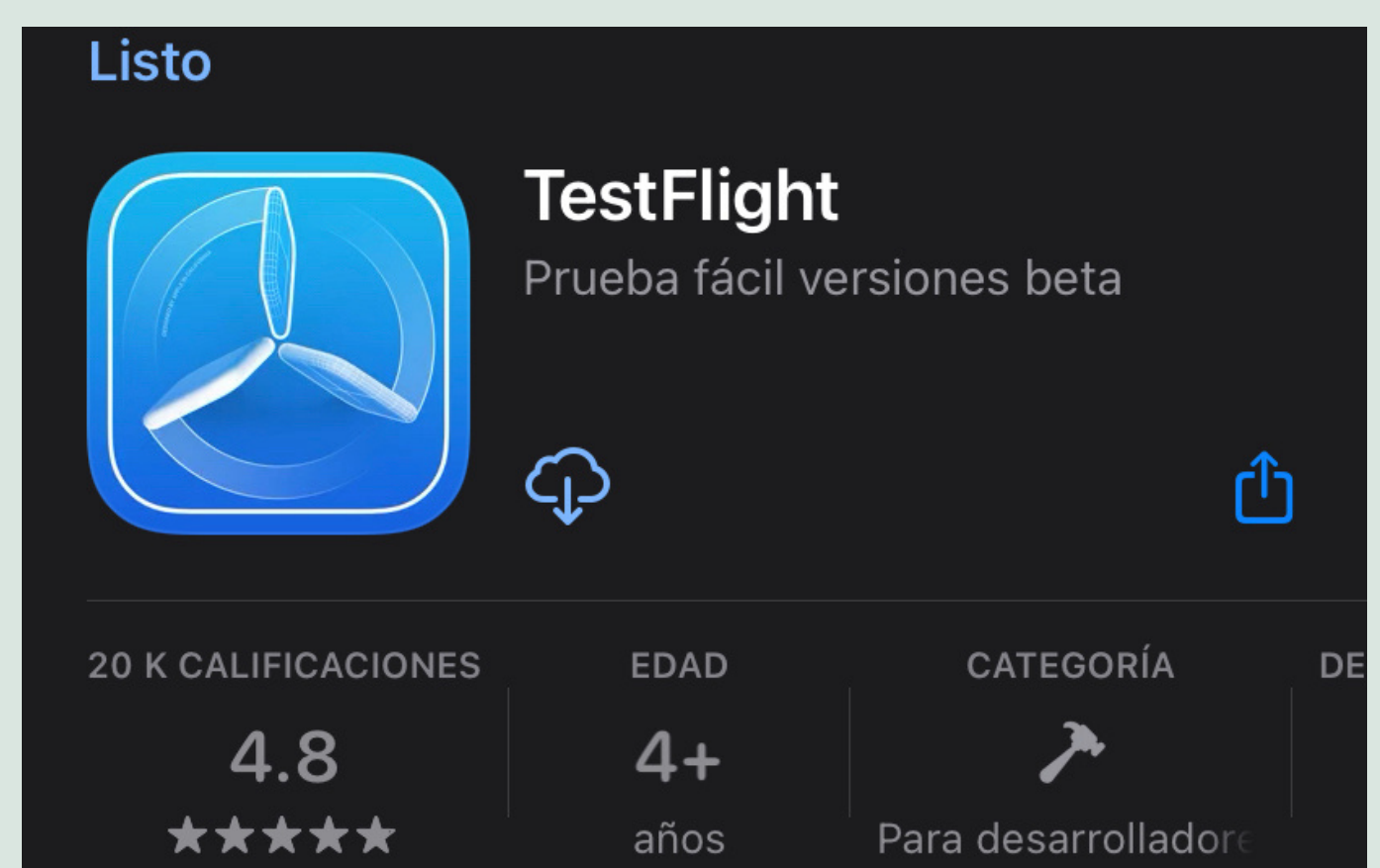
Part 1 - Account Set up



01

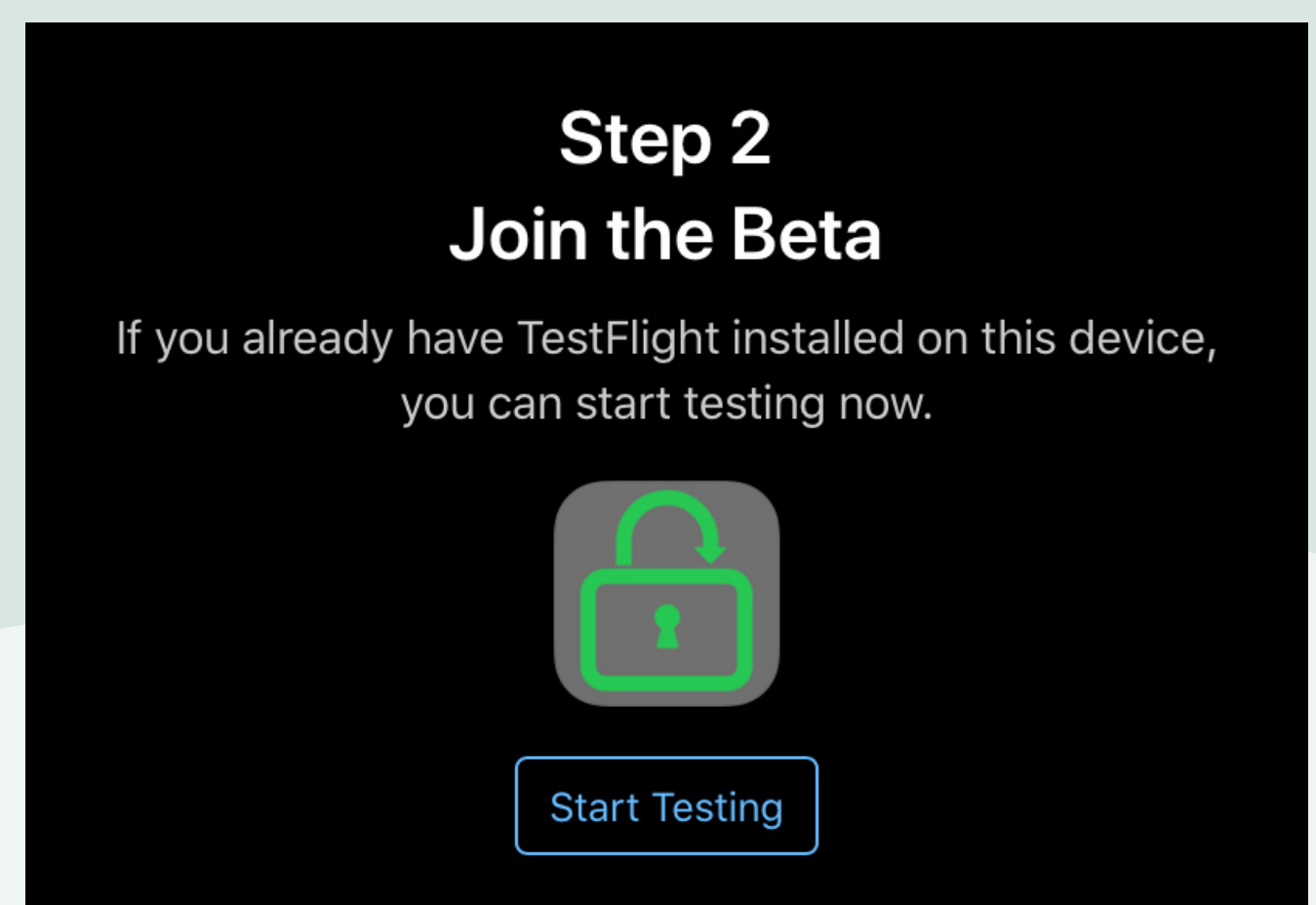
Download TestFlight

(an Apple's App that allows you to test apps that aren't released on AppStore yet)



02


Go to this link and tap on 'Start Testing'. Then download MovementAuth App.





 **03** Open the MovementAuth App.

 **04** On your computer, visit <https://movementauth.web.app/>



 **05** Click on 'Sign up' to create a new account.



 **06** Enter your name and a valid email and create your account. No spam or ad emails will be sent, I promise.

 **07** Wait until a QR code appears and don't close it yet.

 **08** On your App, tap on  and scan the QR code from the previous step. This will connect the account you created with your App.

Part 2 - Practice the movements


 **01** On your App, tap on  You will see the first movement, there are only six.

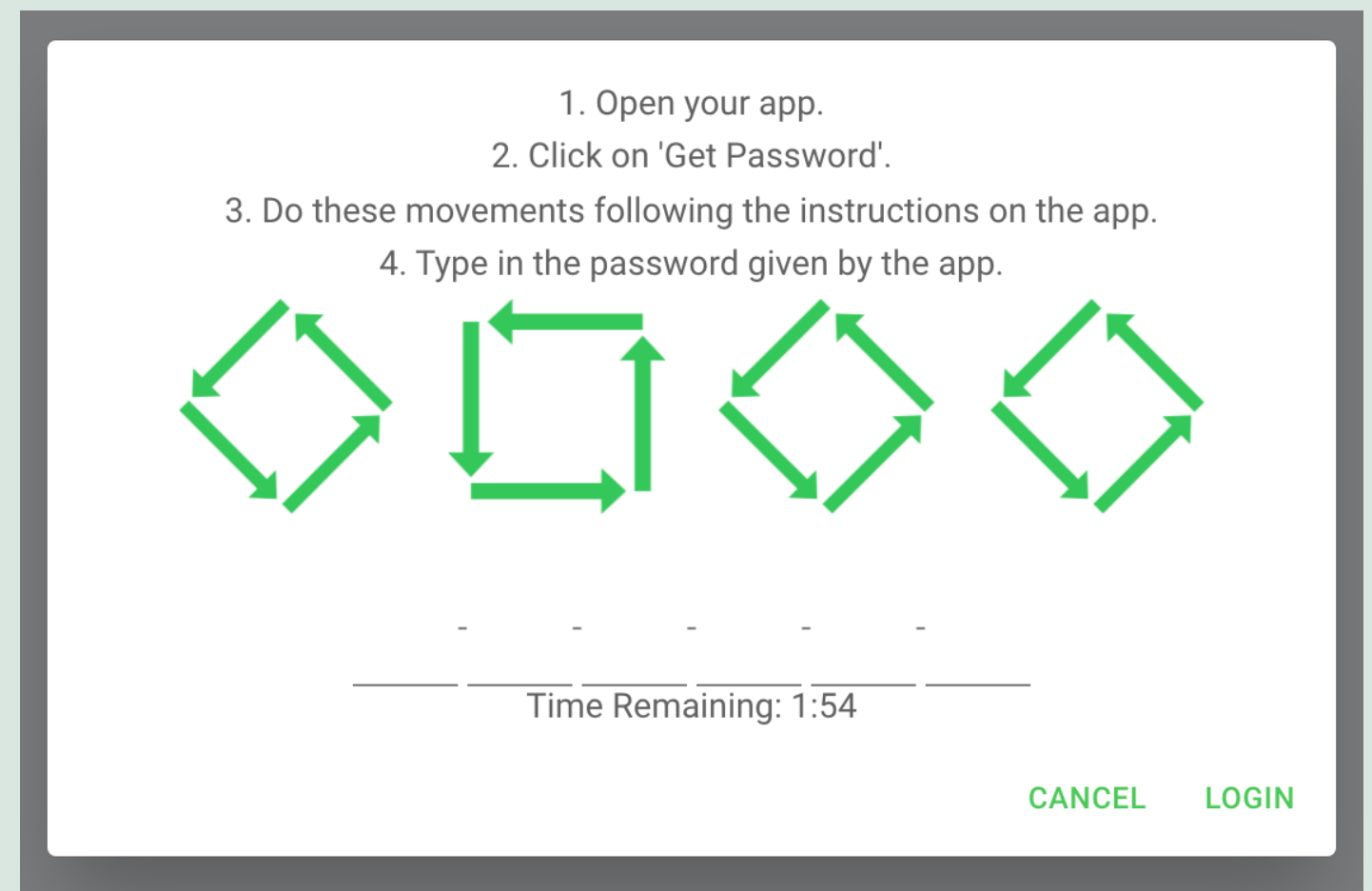
 **02** For each, tap on  and then practice the movement like in the video. If it is done correctly you can try the next one, if it is not correct you will need to do it again.



This helps the project gather data to improve the movement detection and it helps you get an idea of how to do the movements correctly for the next part.

Part 3 - Login to your account


 **01** On your computer, visit <https://movementauth.web.app/>

 **02** Type the email of the account you created on part 1 and click 'Sign in'. A modal with movements will appear.

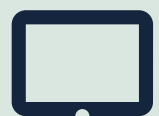


 **03** On your App, tap on  You will see some in-app instructions. Follow them to do the four movements shown on the modal from the previous step.

 **04** Once done, tap on  and wait 5-10 sec.

 **05** A temporary password will appear on the screen. Type that password on your computer on the modal.

Note: if the time reaches 0, it will reset and four new movements will appear. You will have to repeat the process.

 **06** If the password is correct, please answer the short survey. If it is not correct, please try again.

THANK YOU FOR YOUR TIME

For any questions or comments please contact
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