

Create an account

These are instructions for creating a Realeye account.

The account is **only valid for 7 days.**

You will need the email and password in class, so make sure to keep them at hand.

- 1) Go to <https://www.realeye.io/>.
- 2) Click on:



- 3) Fill out the form. Provide the following details:
 - a) Email (**make sure you have your email address with you in class!**)
 - b) Password (five letters; **write down your password!**)
 - c) Name
 - d) Company/University name (the name of your school)
 - e) Primary occupation (select “Student”)
 - f) Agree to the terms of service

SCREEN-BASED WEBCAM EYE-TRACKING. ONLINE.

7-DAYS FREE TRIAL

Email

Required

This field is required.

Password

At least 5 chars

This field is required.

Your name

Required

Company/University name

Required

Primary occupation

– choose –

Affiliate Code

Optional

(Required) I agree with [terms and conditions.](#)

Sign Up

- 4) Go to your inbox. You should receive an email with “RealEye.io Account Activation” in the subject line.
- 5) Open the email and click on the button to activate your account.



This experiment is similar to the study Eytan Stibbe will run in space.

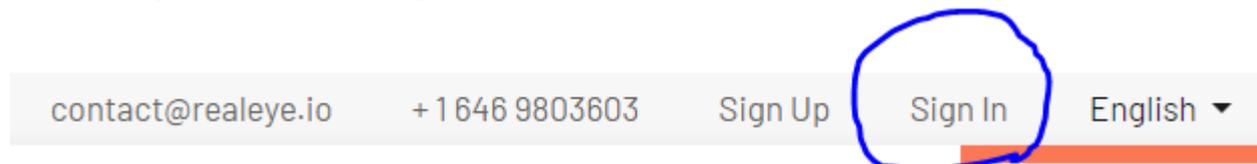
In the experiment, you will track your eye movements when you are dizzy and when you are not.

Two students can run the experiment one after the other. Note that free accounts have a 4-run limit.

Sign in to Realeye.io

If you are working in pairs, only use one account.

- 1) Go to <https://www.realeye.io/>.
- 2) In the top right corner, click on Sign In.



- 3) Enter the email and password you signed up with:

RealEye

SCREEN-BASED WEBCAM EYE-TRACKING. ONLINE.

LOG IN

Email

Enter email address

Password

Write your password

Sign In

Create the experiment

- 4) To start creating the experiment, click on "New Study".

Feels empty here... start a new study

New Study

Select study type:

- Images →
- Videos
- Live website

Perfect for packaging, shelf, static ads or website mockups:

- test up to 100 images in single study
- gaze recording and dynamic heatmap for each participant
- aggregated data for all participants

Cancel

OK

6) Check the boxes as shown below and then click “Next”.

Study name:
Images eye-tracking

Show items in random order ?

Show separator between items ?

Ask my participants about name, gender and age ?

Enable external tool integration ?

Optional intro message: ?
Eg. "Look for a product you think looks the best."

Optional message after the test: ?
Eg. "Please return to main survey"

Next

7) From the “Experiment files and instructions folder”, upload the file “Experiment 1”.

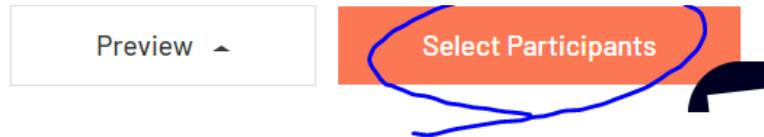
Adding Image

Click to select files or drag and drop them here

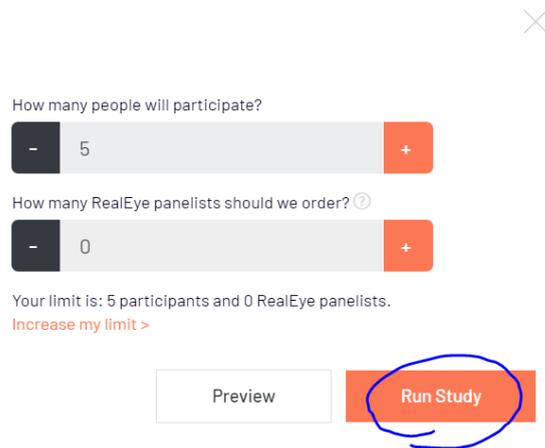
Single study can have up to 300 images.
We accept JPEG and PNG. Max file size 30 MB. Min resolution 500 x 500 px. Max resolution 15000 x 15000 px.

Cancel

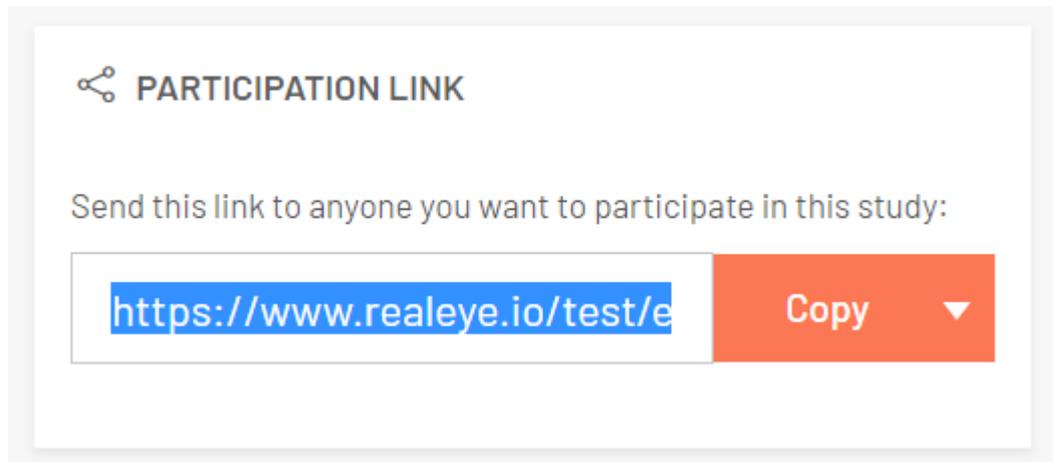
8) Click “Select Participants”.



9) Click "Run Study".



10) Copy the experiment link into a new tab. **Save it for later.**



11) When starting the experiment:

Eye-tracking Test



Hi there!

You're about to take part in a webcam eye-tracking test. Please read all the instructions carefully.



12) Check the box and click "Next".

Eye-tracking Test

Before we begin, you need to accept RealEye [Terms & Conditions](#) and [Privacy Policy](#).

i In a few words: We value your privacy and don't store any images from your webcam. It's not our intention to collect any personal data, and you always have the right to ask us to remove your data.

I agree to the RealEye Terms of Service and Privacy Policy.



13) If asked in a popup, allow the site to use your webcam.



14) Click "Next" again.

Eye-tracking Test



Please enable webcam access

✓ OK. We can use your webcam to do the task.



15) Now, click "Next" to go to full screen mode. Make sure your laptop is plugged in.

Eye-tracking Test



Your browser will enter full screen mode.

If you're using a laptop, please connect it to the power adapter.

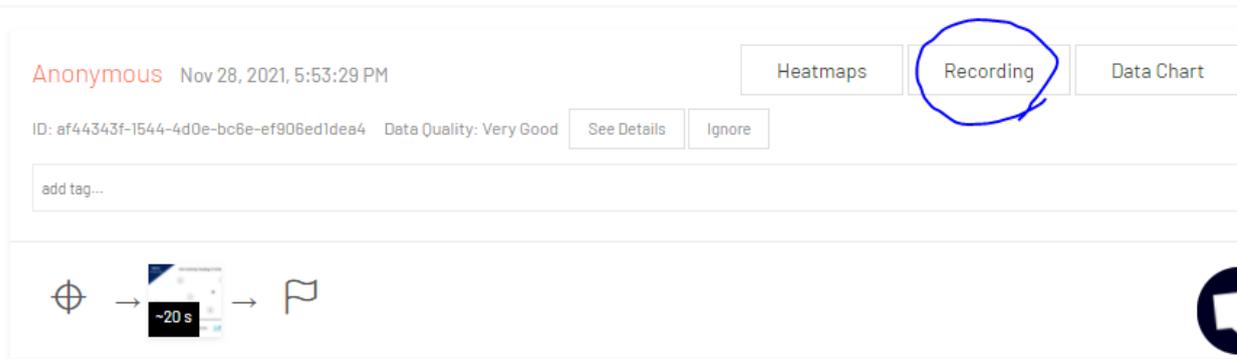


16) Make sure the room is well-lit and try to stay still! Keep following the on-screen instructions.

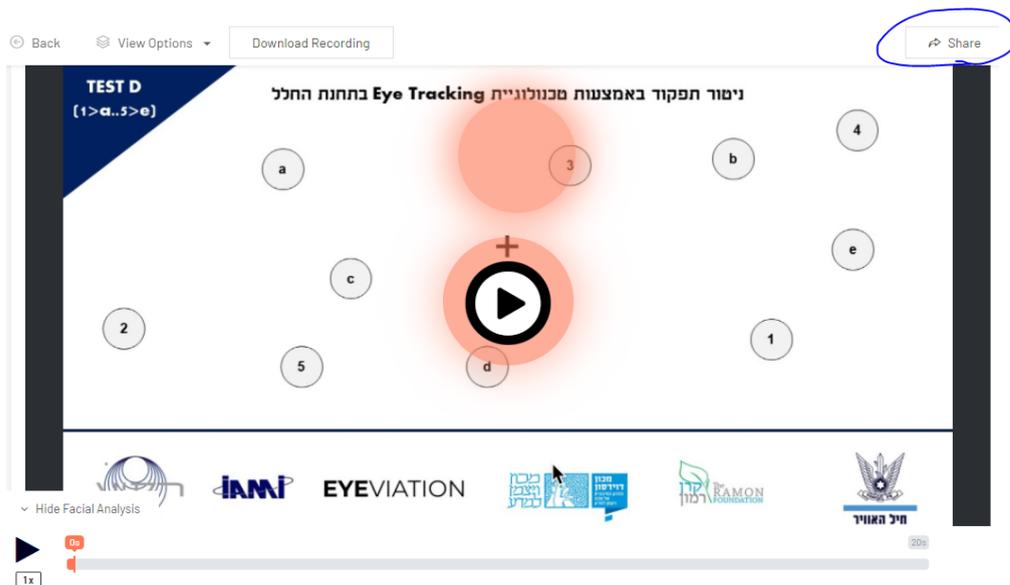
- 17) OK, now it's finally time for the experiment itself! Click the circles in the correct order: a-1-b-2-c-3-d-4-e-5. **Try to click all the circles and be as accurate as you can.**

Check the results

- 18) Go back to the page where you got the link to the experiment and refresh it (press F5). You should be able to see the results now. Click "Recording".



- 19) Watch the video showing your eye movements (the orange lines) and your mouse clicks (in yellow). Write down the answers to the following:
- a) How many correct clicks did you have?
 - b) If you completed the task, how long did it take you?
- 20) Click "Share".



- 21) Copy the video link and save it for later.

Send this link to **snare** this recording page:

[https://www.realeye.io/study/ea5a556f-b7aa-4e4b-8a77-92622df07b8d/recordings/af44343f-1544-4d0e-bc6e-ef906ed1dea4/#viewEmbed=true&frameborder=0&scrolling=no&title=RealEye recording](https://www.realeye.io/study/ea5a556f-b7aa-4e4b-8a77-92622df07b8d/recordings/af44343f-1544-4d0e-bc6e-ef906ed1dea4/#viewEmbed=true&frameborder=0&scrolling=no&title=RealEye%20recording) Copy

or

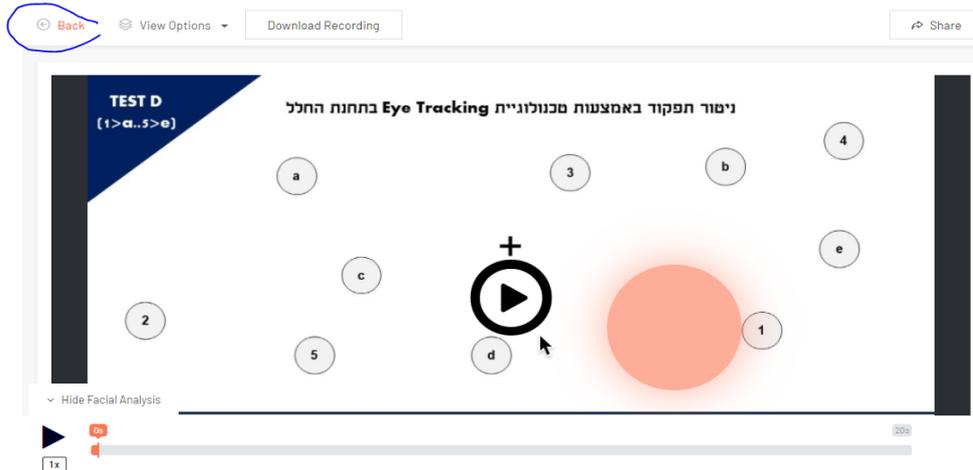
Paste this code on your page to **embed** this recording:

```
<iframe width="640" height="420"
src="https://www.realeye.io/study/ea5a556f-b7aa-4e4b-8a77-92622df07b8d/recordings/af44343f-1544-4d0e-bc6e-ef906ed1dea4/#viewEmbed=true&frameborder=0&scrolling=no"
title="RealEye recording"></iframe>
```

Done

Run the experiment: step 2

22) Now, click "Back".



23) **Quickly spin around 10 times**, and then repeat the experiment steps (steps 10-21). Make sure you have enough room around you.

- **For your safety, ask your partner or another student to watch over you while you are spinning.**
- **The other student should prepare the experiment so you can start as soon as you are done.**

24) Write down the answers to the following:

- a) How many correct clicks did you have?
- b) If you completed the task, how long did it take you?

25) Compare your two eye-tracking videos. Do you see a difference?