



Building experiments online: a case study using Gorilla

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Sound 1

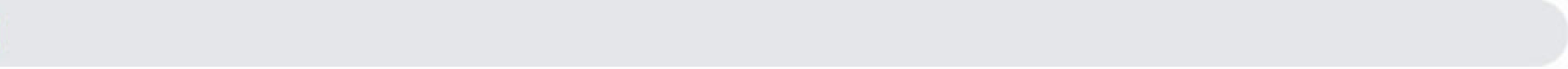


Sound 2



Sound 3

This is Sound 1



01 My research using Gorilla

02 Why Gorilla

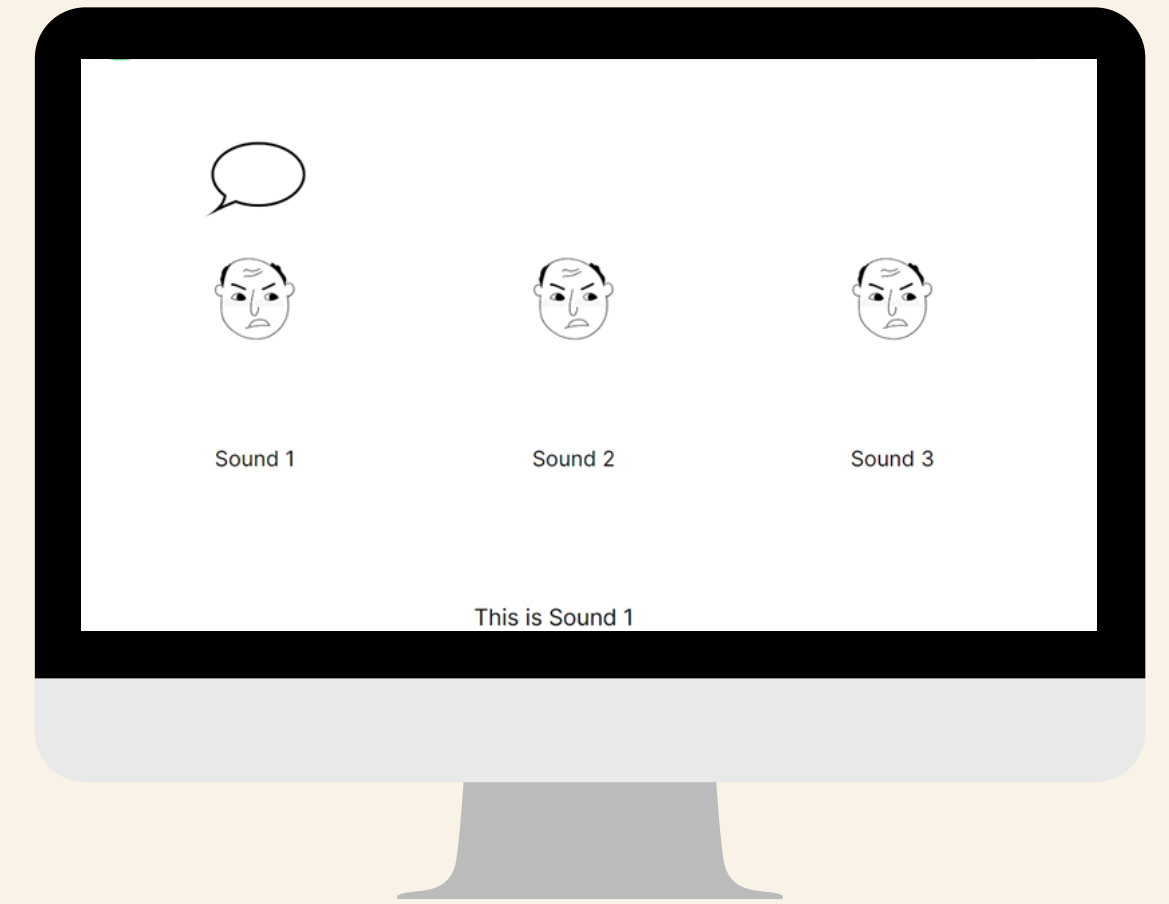
03 What can Gorilla do?

04 Gorilla resources





A B X



Whether perceptual training improves listeners' sensitivity on pitch direction.

1

STONE

Pitch patterns
that distinguish
word meanings

2

**NON-TONAL
LISTENERS**

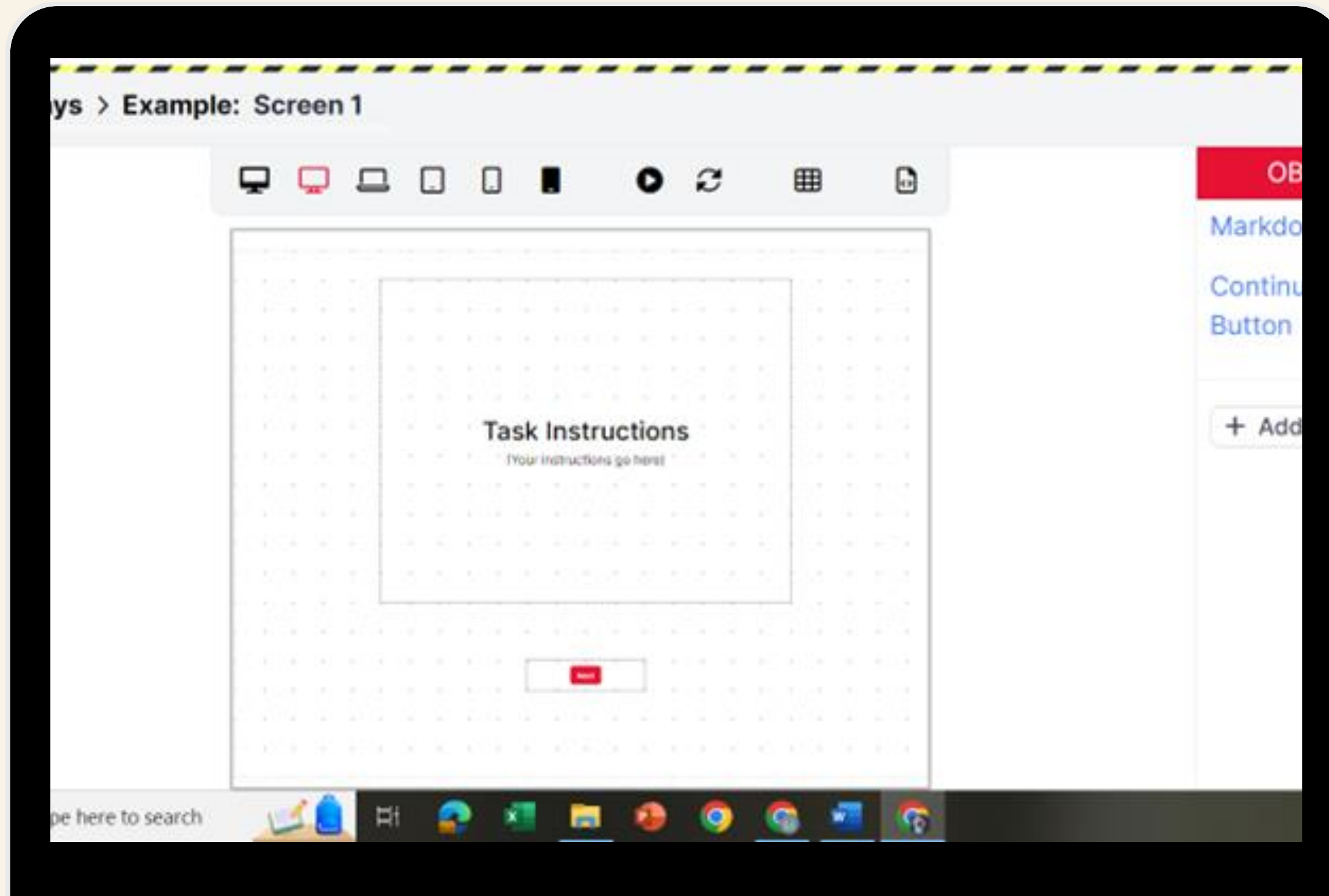
Not sensitive on
pitch direction in
discrimination or
identification tasks

3

TRAINING

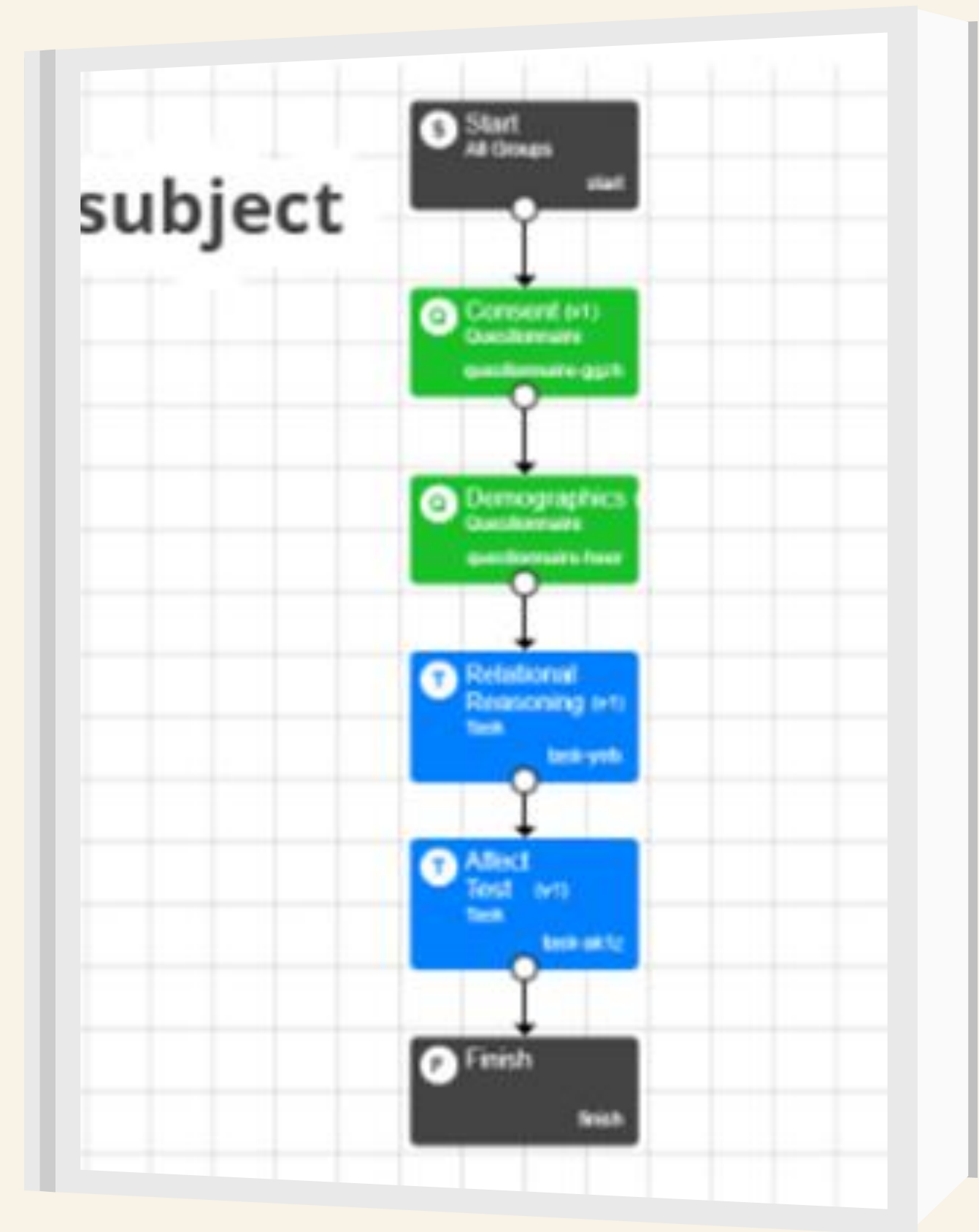
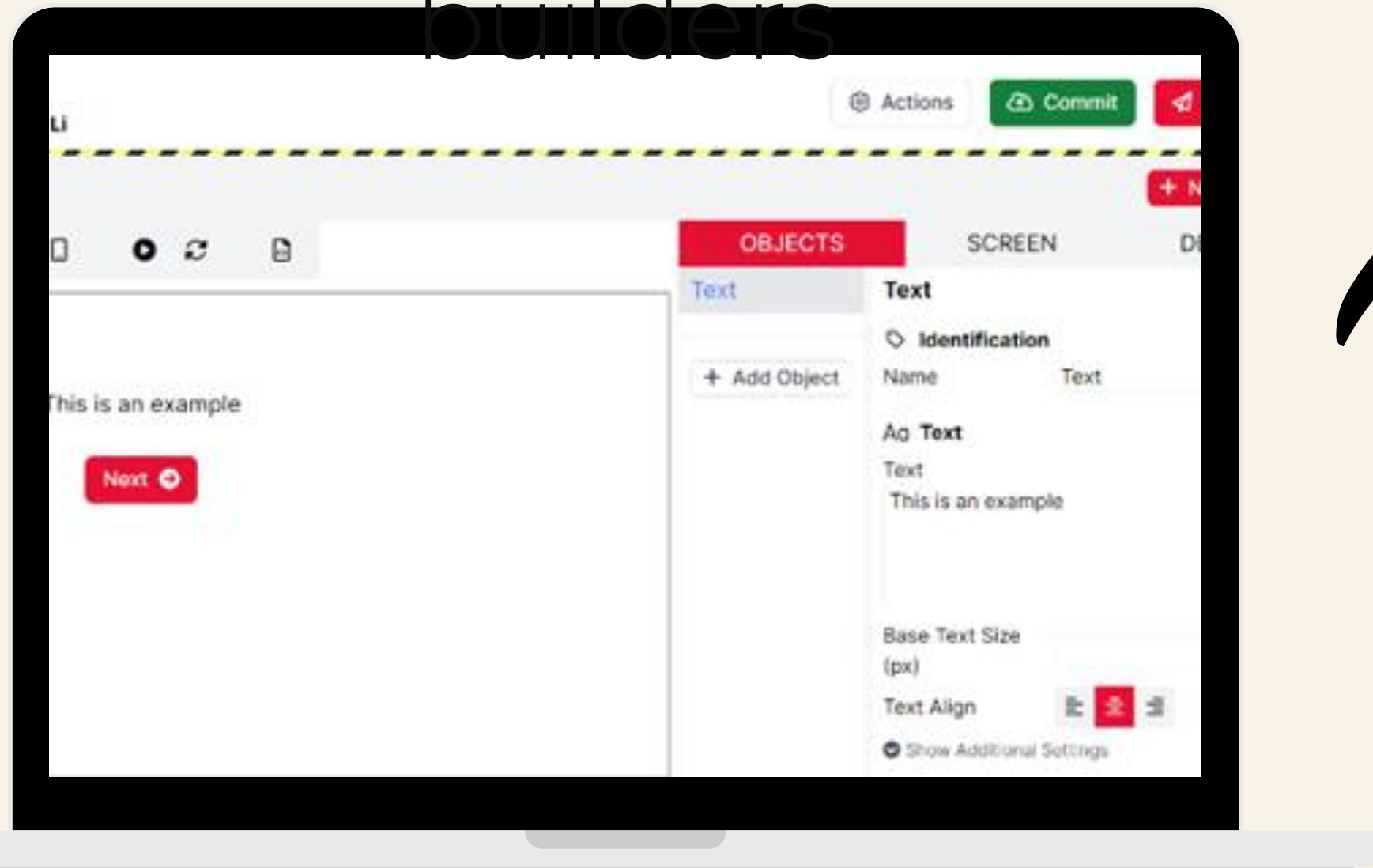
ABX tasks

I chose Gorilla because it is very intuitive.



Gorilla working flow

Task
builders



Tree

Exp 2b **Example** version 2
This change is currently being created by Yanyu Li

Pages >

+
New Page



Exp 2b **Example** version 2
This change is currently being created by Yanyu Li

Actions Commit Preview

Pages > Page 1 + New Page

OBJECTS SCREEN DEBUG

Search

Content

- Audio**
Allow the participant to play an audio clip
- Image**
Display an image on the page
- Ag Text**
Display markdown-formatted text
- Video**
Display a video on the page

Questions

- Ag Comment Box**
Ask an open ended question with
- Consent Form**
Collect participants' consent
- Date Entry**
Allow the participant to select a
Create
- Dropdown**
Show a list of options in a dropdown

Scripts > example.ts Find guidance on our [Scripting Documentation Page](#). NB: scripts built for legacy tools (Task Builder 1 etc.) will not work here! + New Script

example.ts

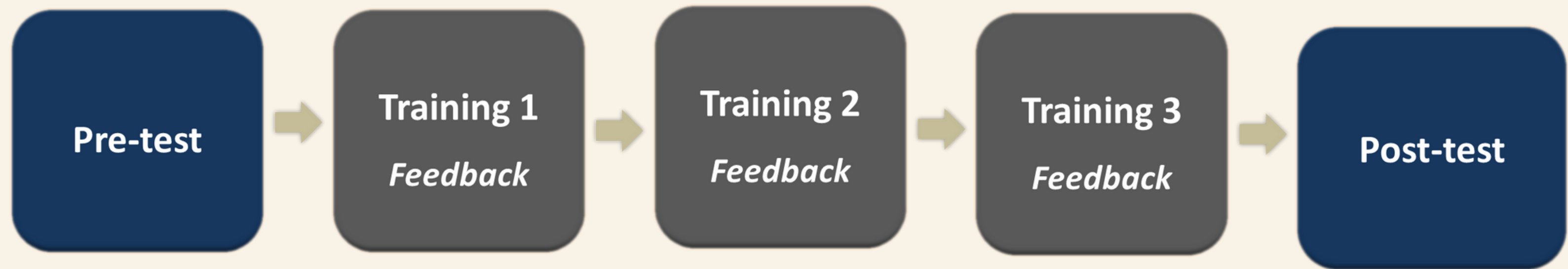
```
1 //-----
2 // example
3 //
4 // [Add a short description describing what your component does]
5 //
6 //
7 //-----
9 import { TaskComponent, TaskComponentFactory, component, registerEditor, registerSimple } from "@gorilla/compiled/"
10 //-----
11 export interface exampleFactory extends TaskComponentFactory {
12 ..
..
```

✓ No errors found

Data collection was made very easy with the subscription with the phonetic lab.

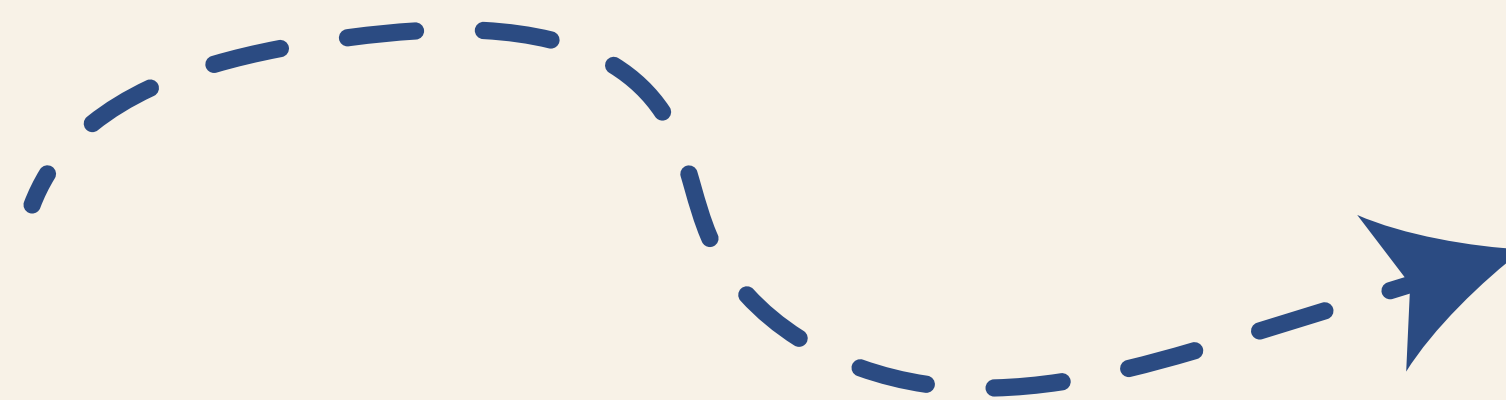


Data structure

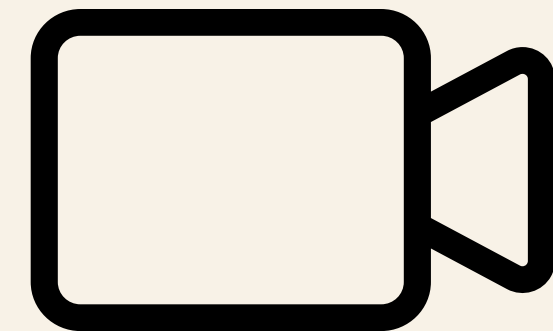
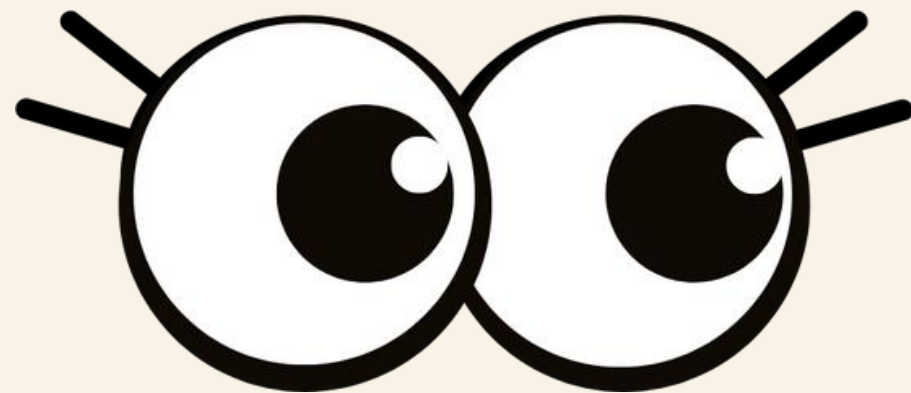
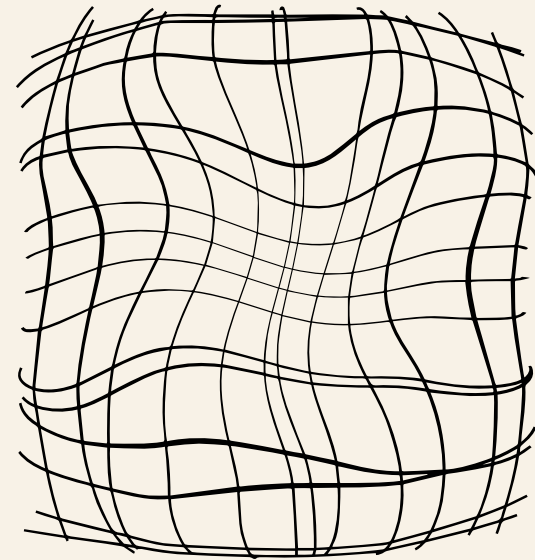


accuracy

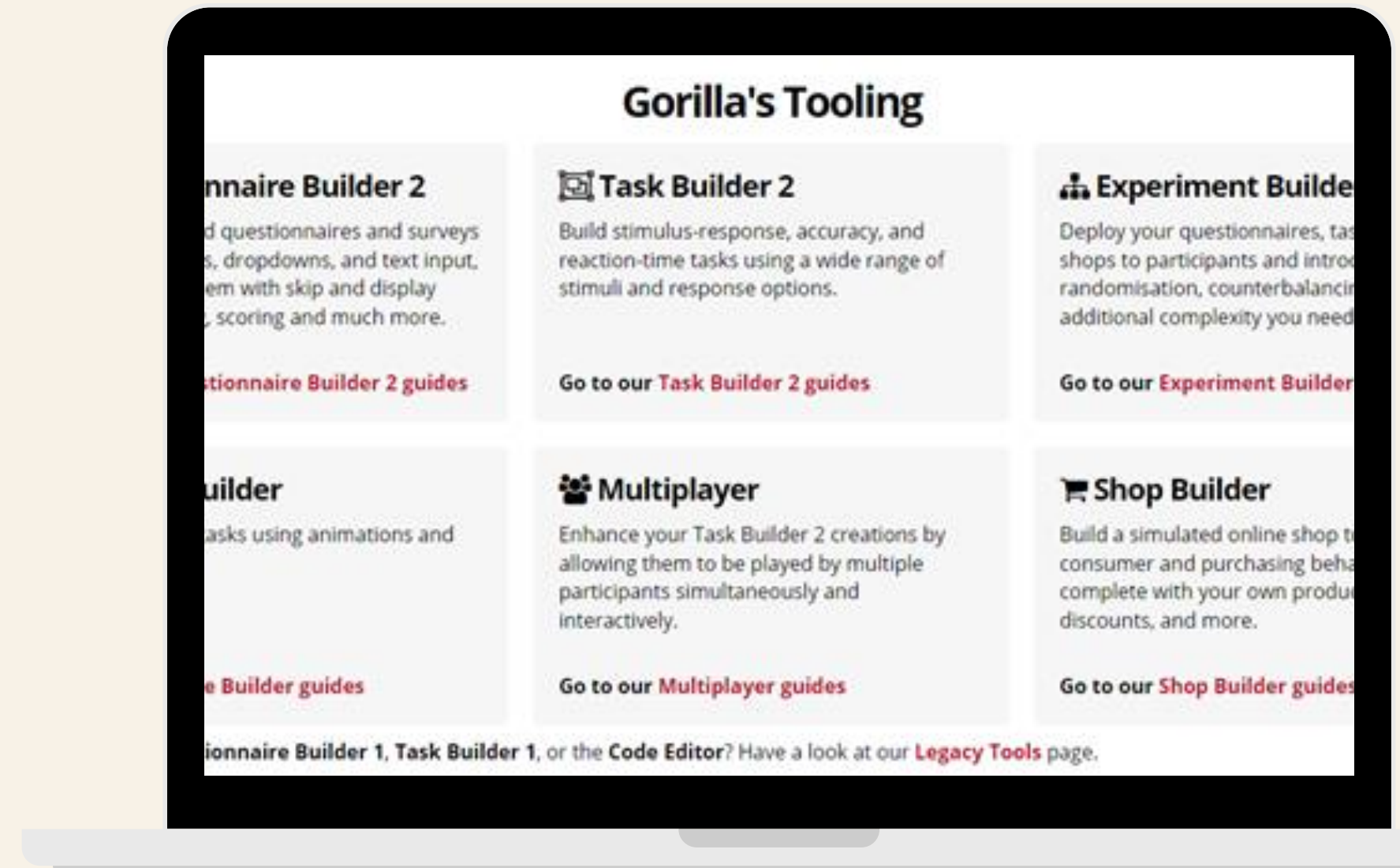
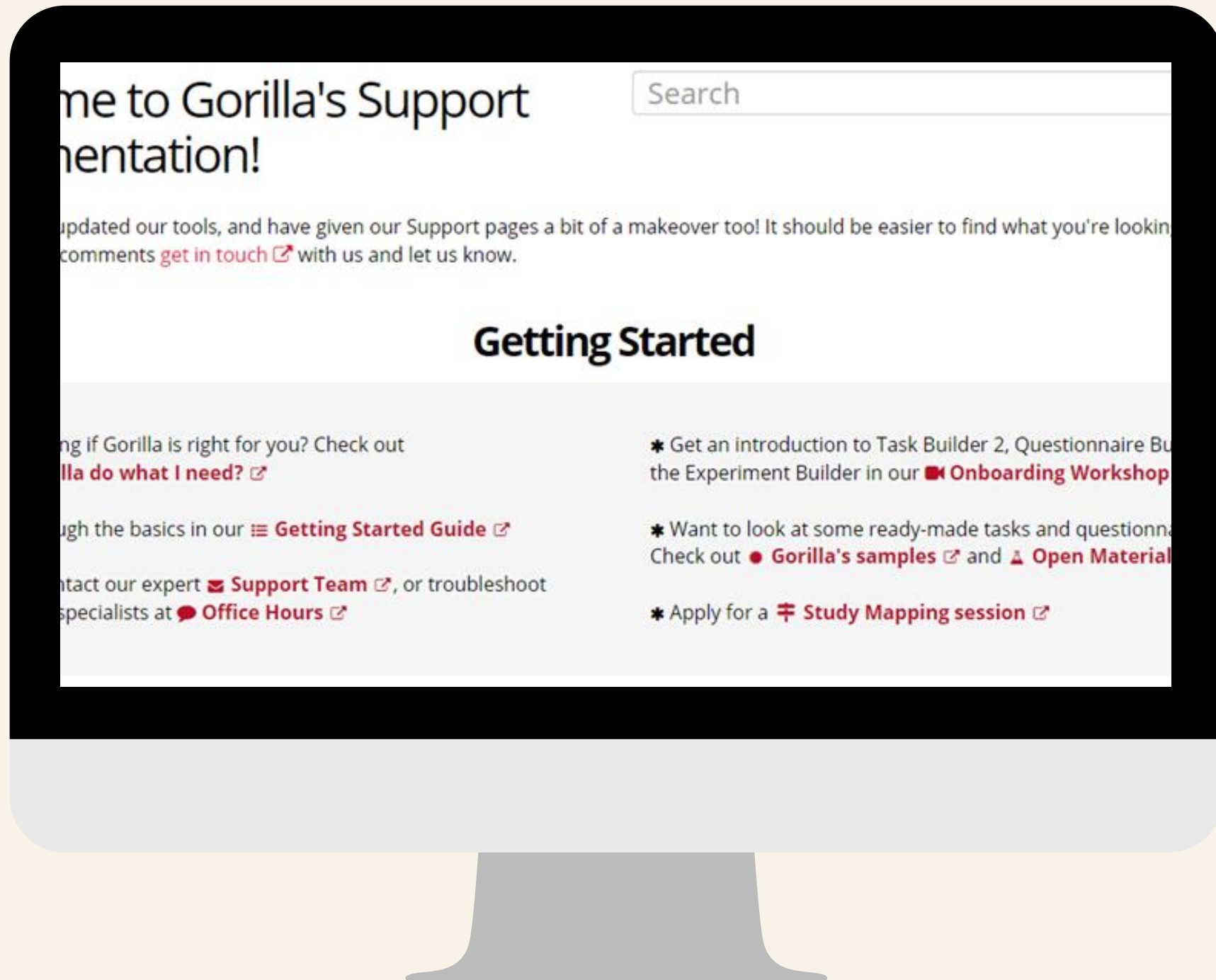
reaction time



Gorilla can achieve various experiment structures, designs, and task types



Gorilla documentary



**Other
resources**

Email support

Video call
support

Documentation

BeOnline
(Conference)



THANK YOU!

