

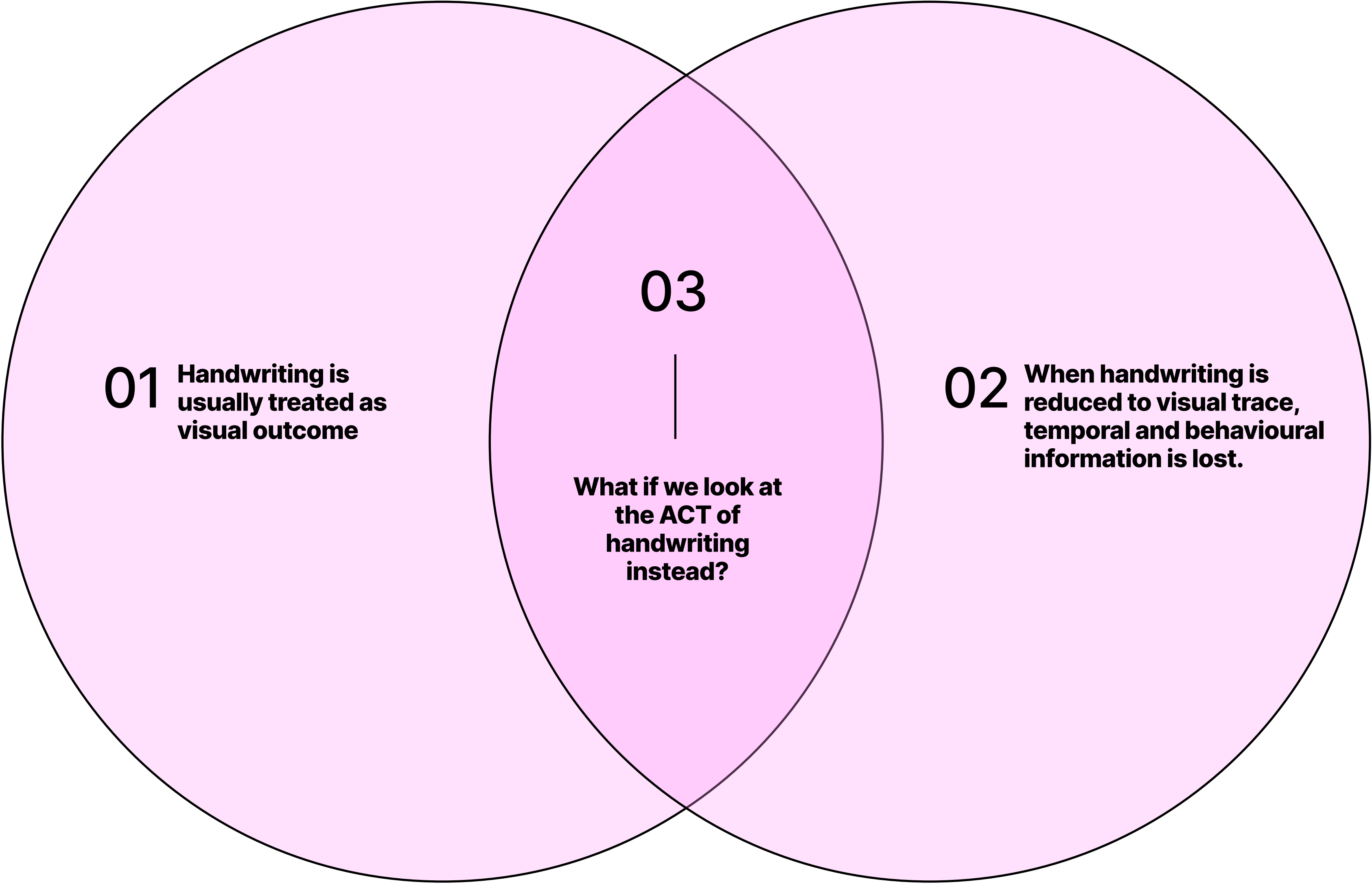
සමූහාත්මක සාප්තය

My project looks at

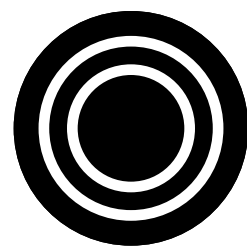
the Act of Handwriting,
instead of just the final trace.

[embodied gesture]

Why This Matters ?



the 3 writing behavioural signals im abstracting



Pressure

The force applied to the surface over time.



Moments of Hesitation

Points where the stroke slows significantly relative to the writer's average speed.



Stroke Reorientation

Moments where the stroke changes direction sharply as the hand redirects its path.

**How can behavioural signals
abstracted from handwriting
be used in a type tool to explore
new forms of personal signature?**

Design Statement

Behavioural Glyphs of Handwriting looks at handwriting as an embodied gesture, focusing on how it is written rather than just the visual trace. It translates behavioural signals such as stroke direction, pressure, and moments of hesitation into glyphs, grounding typographic identity in handwriting behaviour.

Through an interactive web-based tool, users input their handwriting to produce a personalised system of glyphs that can be customised and tested.

For designers interested in exploring new forms of personal branding and typographic identity, the project presents an approach where identity is shaped by how each person writes.

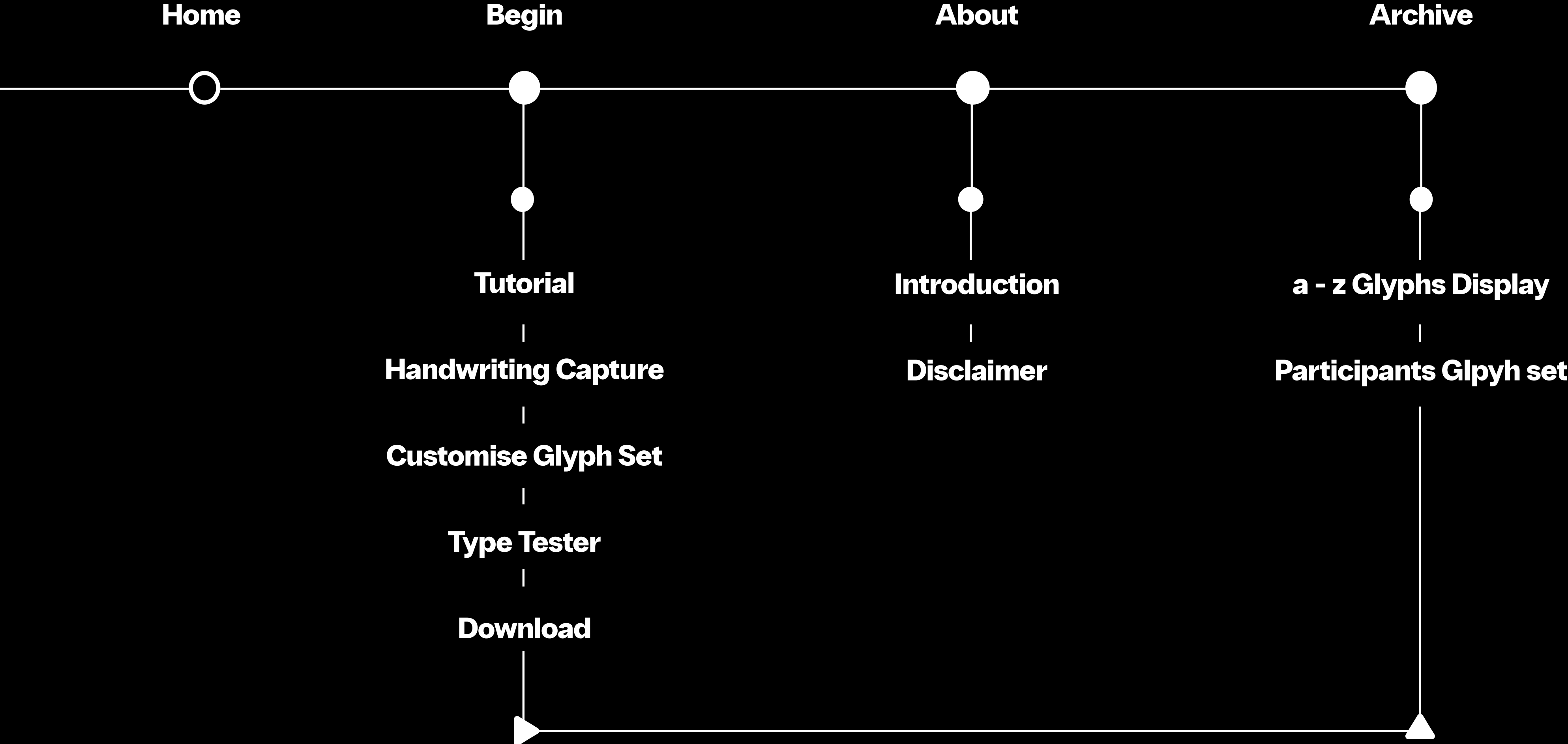
Introducing my work:

A behavioural-driven typographic tool that translates handwriting input into a personalised system of glyphs, which can be customised, tested, and downloaded as a typeface.



A glyph system built from how you write.
Derived from pressure, hesitation, and stroke reorientation.
Capture a-z, customise the structure, and export your results.

sitemap



behavioural glyphs of handwriting

Begin

Home

Tutorial

Capture

Customise

Type Tester

Download

Handwriting Input

Write each letter a–z on screen. The system records how you move, not just what you draw. Works best with a stylus or drawing tablet.

Behavioural Readout

Strokes are analysed into speed, pressure, angle, and pauses. These values define your glyph system.

Glyph Reconstruction

Behaviour is reconstructed into a glyph system. Your handwriting becomes a type system you can customise, test, and export.

Start Capture

Handwriting Input	Behavioural Readout	Glyph Reconstruction
Draw Here	Pressure Reorientation Hesitation	

a	b	c	d	e	f	g	h	i	j	k	l	m
n	o	p	q	r	s	t	u	v	w	x	y	z

Customise

Customise Page Wireframe

HomeTutorialCaptureCustomiseType TesterDownload

Customise Here

Pressure

Stroke Reorientation

Hesitation

Reset

								Test your type	

Type Tester Page Wireframe

HomeTutorialCaptureCustomiseType TesterDownload

Type Tester

Text | Specimen

Pt size

Tracking

Leading

your text

the quick brown fox

jumps over the lazy dog

your text

download

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Type Tester

TextSpecimen

Pt size

Tracking

Leading

a - z 72px

a b c d e f g h i j k l m n o

p q r s t u v w x y z

the quick brown fox 72px

the quick brown fox

download

HomeTutorialCaptureCustomiseType TesterDownload

specimen - janessa

grid | letter

Customise Here

Name your glyph set

Untitled . otf

Format

otf

svg

png

Metadata

glyphs00

format00

file size00

download otf

Download Page Wireframe

[Home](#)

Tutorial

Capture

Customise

Type Tester

Download

specimen - janessa

grid | letter

Customise Here

Name your glyph set

Untitled . otf

Format

otf

svg

png

Metadata

glyphs 00

format	00
--------	----

file size	00
-----------	----

download otf

Behavioural Glyphs of Handwriting — Typographic Tool

About

Archive

[illegible]

Behavioural Glyphs of Handwriting — Typographic Tool

About

Archive

specimen - janessa

What this is?

A glyph system
built from how
you write.

Signals captured:

3

- Pressure
- Moments of Hesitation
- Stroke Reorientation

Behavioural Glyphs of Handwriting — Typographic Tool AboutArchive	
Characters generated:	26 Full a–z latin set · exportable as OTF, SVG, PNG
The Idea:	Handwriting is not only a form of communication, but a physical act. It is a sequence of movements shaped by speed, pressure, angle, and pauses. These are behavioural signals. This project begins by thinking of handwriting as gesture. Instead of focusing on the final written form, it looks at how the mark is produced. The movement itself becomes the material. Behavioural Glyphs of Handwriting translates these signals into a structured glyph system. Each letter is reconstructed from the way it is written, forming typographic elements derived from individual behaviour. Not a font, but an exploration of how handwriting behaviour can be interpreted as typographic structure.

Designed by:

Janessa Aw

Handwriting behavioural-driven typographic tool research · 2026

Disclaimer:

This is not intended to produce a finished font, but to explore typographic structures derived from handwriting behaviour.



A glyph system built from how you write.
Derived from pressure, hesitation, and stroke reorientation.
Capture a–z, customise the structure, and export your results.

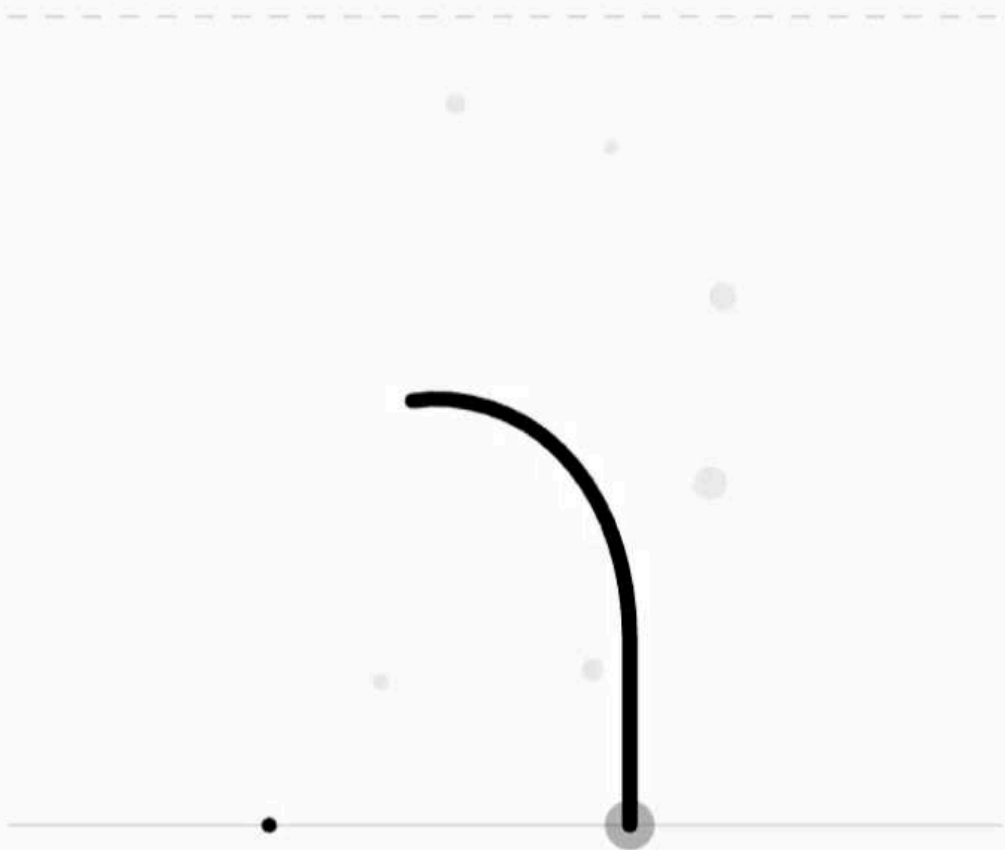
[about](#)[archive](#)[enter tool](#)

01

input

Handwriting Input

Write each letter a-z on screen.
The system records how you move,
not just what you draw. Works best
with a stylus or drawing tablet.



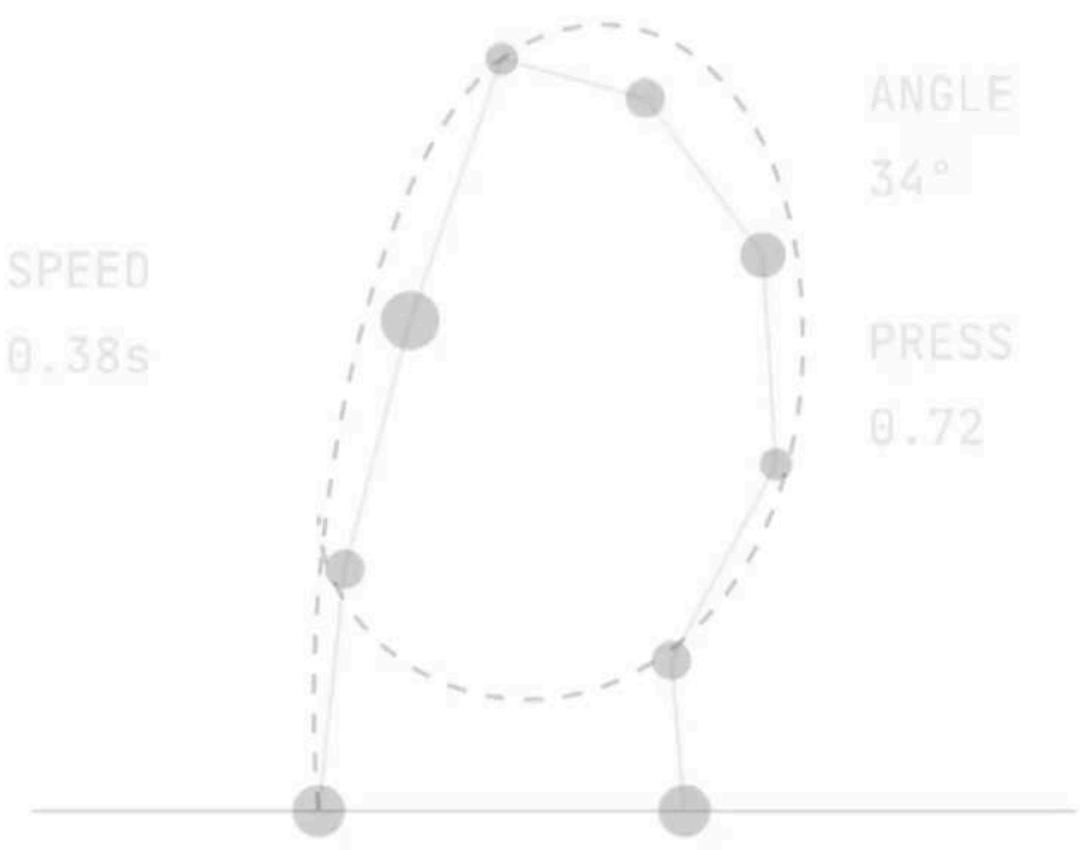
RAW STROKE PATH

02

analysis

Behavioural Readout

Strokes are analysed into speed,
pressure, angle, and pauses. These
values define your glyph system.



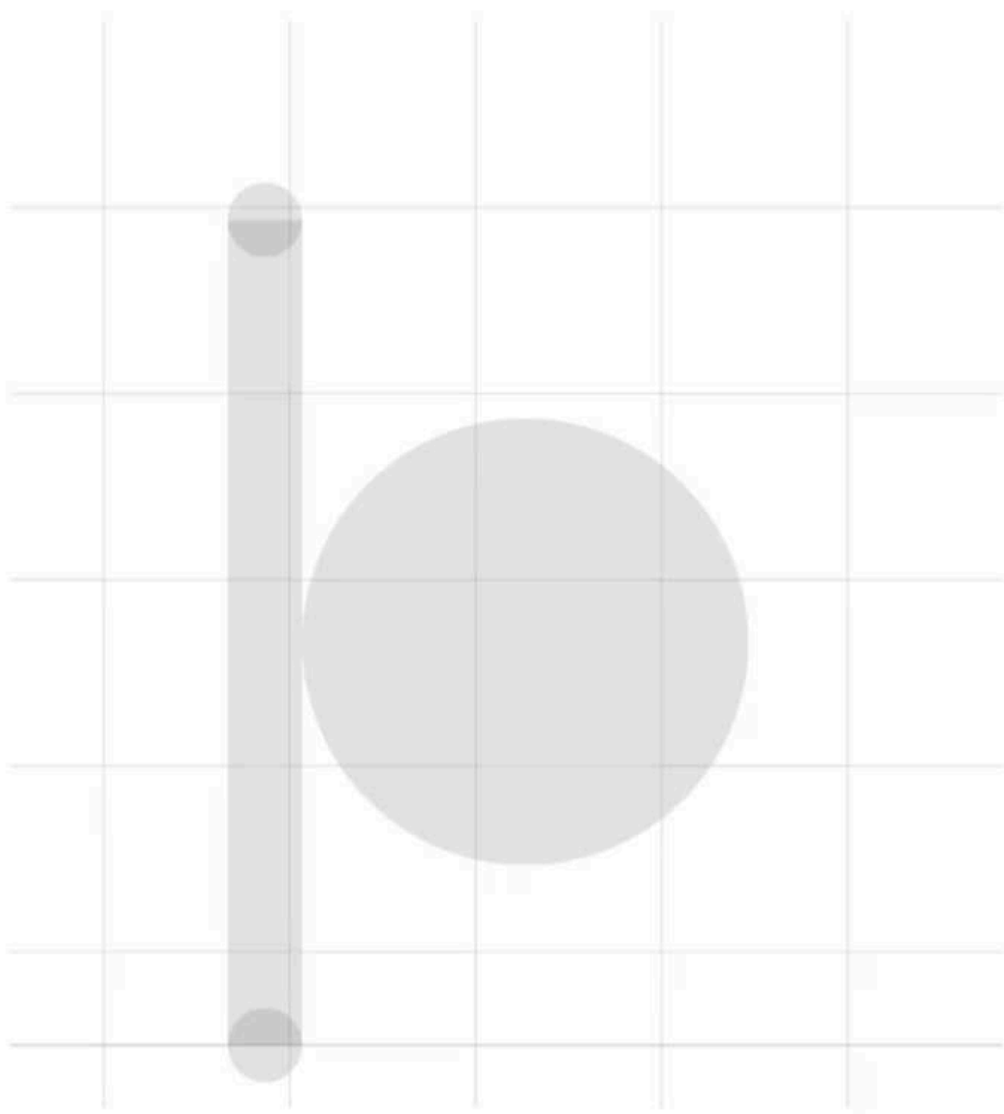
BEHAVIOURAL READOUT

03

output

Glyph Reconstruction

Behaviour is reconstructed into a
glyph system. Your handwriting
becomes a type system you can
customise, test, and export.



CONSTRUCTED GLYPH

home

tutorial

capture

customise

type tester

download

BEHAVIOURAL READOUT

● pressure 0.00

● reorientation 0.00

● hesitation 0.00

HANDWRITING INPUT

draw here



a - 1 / 26

0 captured

GLYPH RECONSTRUCTION

a-z

a

b

c

d

e

f

g

h

i

j

k

l

m

n

o

p

q

r

s

t

u

v

w

x

y

z

Capture all 26 glyphs to build your system

reset

clear data

save glyph

customise

home

tutorial

capture

customise

type tester

download

01 | grid

grid mode ⓘ

square

grid size ⓘ

80

02 | structure

stroke weight ⓘ

60

re-direction marker ⓘ

60

hesitation shift ⓘ

30

letter slant ⓘ

0

snap precision ⓘ

0

03 | appearance

joint style ⓘ

circle

pressure style ⓘ

solid

stroke cap style ⓘ

GLYPH PREVIEW

a-z

a

b

c

d

e

f

g

h

i

j

k

l

m

n

o

p

q

r

s

t

u

v

w

x

y

z

Adjust settings to shape your glyph system

reset

back

try your type

type tester

text

alphabets

size

50px

tracking

100

leading

1.7*

TYPE HERE

click here to type

handwriting

typography

the quick brown fox

the five boxing wizards jump quickly

type here

Test how your glyphs read as a typeface

back

download

Apply glyph set to text compositions

Control size, tracking, leading

home

tutorial

capture

customise

type tester

download

specimen — Untitled

glyph 01 / 26

grid

letter

01	02	03	04	05	06
a	b	c	d	e	f
07	08	09	10	11	12
g	h	i	j	k	l
13	14	15	16	17	18
m	n	o	p	q	r
19	20	21	22	23	24

01 | name your glyph set

Untitled

Untitled.otf

02 | format

otf0/26 glyphs

exports a functional font file. set type directly in your own glyph system.

svgno glyphs

scalable vector per glyph.

pngno glyphs

raster image per glyph.

jsonno glyphs

machine-readable glyph stroke data.

png (stages)no glyphs

four renders per letter: raw input, pre-customisation, final glyph, and behavioural signals.

download off

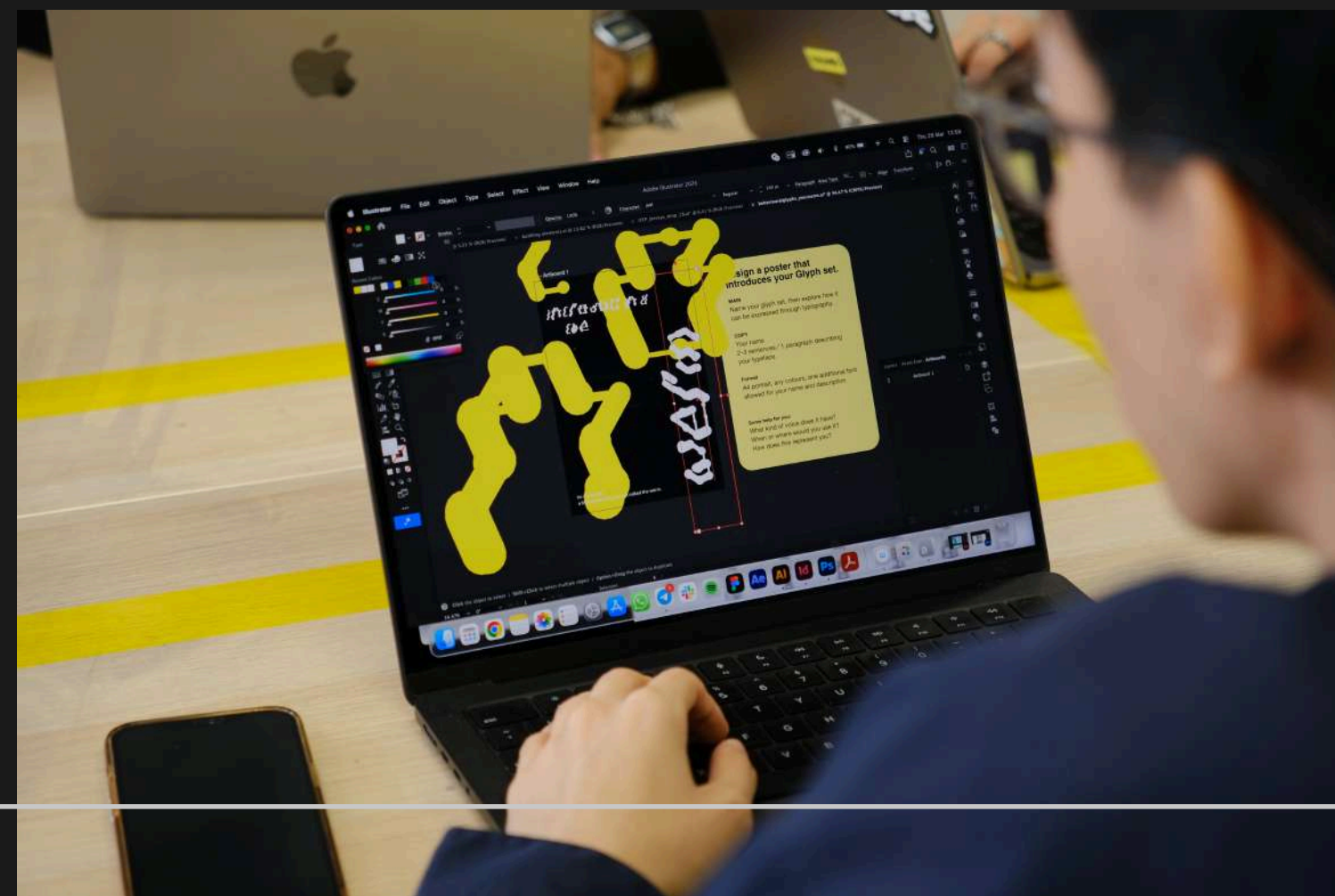
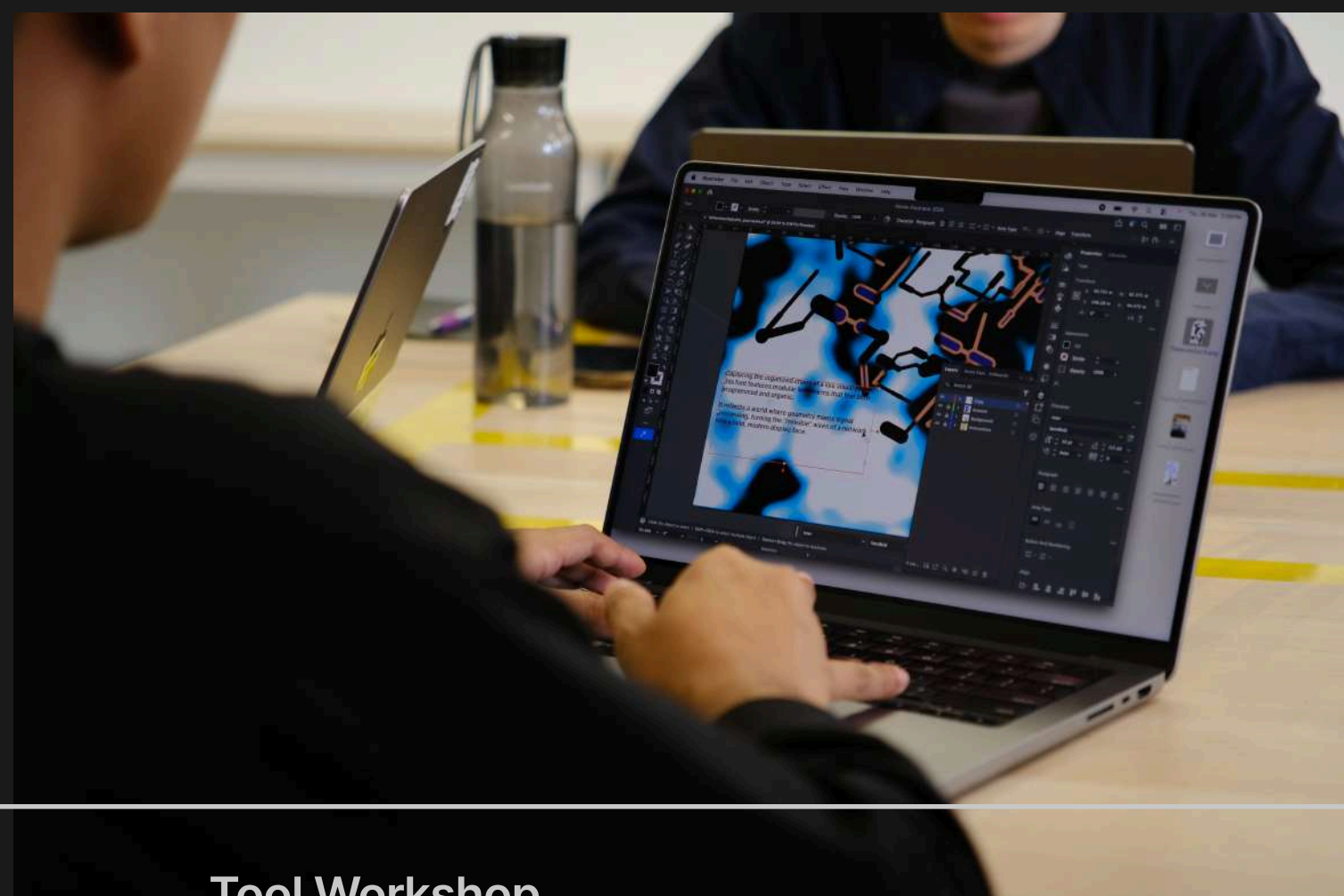
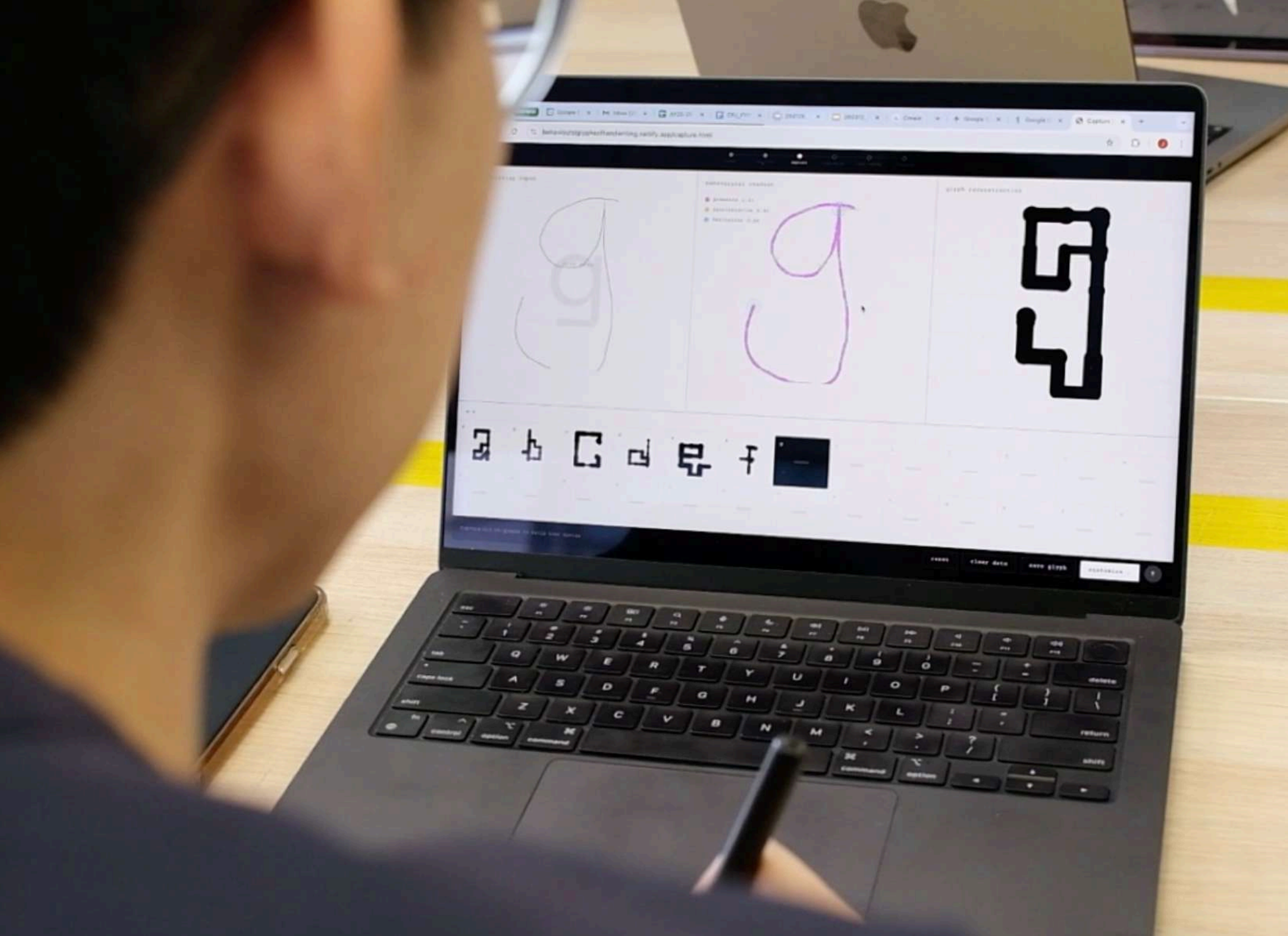
Untitled.otf · —

archive ©

thank you for participating, once downloaded, your glyphs will be part of the archive ©

thank you for participating, once downloaded, your glyphs will be part of the archive ©

உதவி, உதவி, உதவி
உதவி, உதவி, உதவி



Tool Workshop



Open Studios



සමූහාත්මක සාප්තය