

Ruiyu Chen

GDVX 742

- Visual Analysis
of Static Content

2024 Spring

Decode

The

Names

Data Set

[https://docs.google.com/spreadsheets/
d/1CrhIRtCxnIzn9lYmLbaPXHy_XmpQvZ8U_rZXwZe0X
U/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1CrhIRtCxnIzn9lYmLbaPXHy_XmpQvZ8U_rZXwZe0XU/edit?usp=sharing)

CATEGORIES

1. Activity Info

- a. Date
- b. Time
- c. Location
- d. Activity

2. Name Info

- a. Name
- b. Name Type
- c. Verbal/Written
- d. Type
- e. Tone

3. Person

- a. By
- b. Relationship
- c. Emotion when calling name
- d. Purpose of calling

COLOR CODING

Name					Relationship	Purpose of the Calling	Emotion When calling name	Tone
Sloth	Bee	Zab Zab (mini frog)	瑞 (Rui)	Grandma	Husband	Mention	Angry	1 Very soft
Lazy Cat	Busy Bee	Zabusia (Little Frog)	Rui	Baby	Close Friends	Asking for something	Sad	2 Kinda soft
Kotusia (mini cat)	Koala	Croca Fan	Rui Rui	公主 (Princess)	Family	Just draw attention	Confused	3 Normal
Powerful Kotus (little cat)	Wormusia (little worm)		瑞姐 (older sister Rui)	Silence		Greeting	Sarcastic	4 Kinda harsh
Cat ball			阿瑞 (a Rui)			Commenting	Serious	5 Very harsh
Blind Cat			瑞渝 (Ruiyu)			Apologizing	Neutral	
			渝儿 (small yu)			Complimenting	Amused	
			陈瑞渝 (full name)				Happy	
							Excited	

Activity Info				Name Info					Person			
Date	Time	Location	Activity	Name	Name Type	Verbal / Written	Type	Tone	By	Relationship	Emotion when Calling Name	Purpose of Calling
3/20/2024	5:00 PM	At Home	Playing with Croco	Croco Fan	Other Animals	Verbal	In Person	3 Normal	Jakub	Husband	Happy	Commenting
3/20/2024	6:00 PM	At Home	Walking into living room	Kotusia (mini cat)	Animal - Cat Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Neutral	Just draw attention
3/20/2024	8:00 PM	At home	Browseing phone	Sloth	Other Animals	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
3/20/2024	9:00 PM	At home	Chatting online	瑞 (Rui)	Name Variations	Written	Text Message	/	Sunny	Close Friends	Neutral	Mention
3/20/2024	11:00 PM	At home	Wiggling in bed	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
3/21/2024	8:00 PM	At Home	Squatting in bed	Zabusia (Little Frog)	Animal - Frog Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
3/21/2024	9:00 PM	At Home	Brushing teeth	Kotusia (mini cat)	Animal - Cat Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Neutral	Just draw attention
3/21/2024	11:00 PM	At Home	Curled up my body in bed	Cat ball	Animal - Cat Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
3/22/2024	9:40 AM	At Home	Don't want to get up, meowing, cling on his arm	Lazy Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
3/22/2024	8:00 PM	At Home	Browseing phone	Sloth	Other Animals	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
3/22/2024	11:00 PM	At home	Wiggling in bed	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
3/23/2024	10:00 AM	At Home	Don't want to get up, meowing, cling on his arm	Lazy Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Happy	Commenting
3/23/2024	10:00 AM	At Home	Walk into living room	Zab Zab (mini frog)	Animal - Frog Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Neutral	Just draw attention
3/23/2024	9:00 PM	At Home	Browseing phone	Lazy Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
3/23/2024	11:00 PM	At Home	Curled up my body in bed	Cat ball	Animal - Cat Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
3/24/2024	10:00 AM	At Home	told husband I'm going to drive my friends to thriftcon	Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
3/24/2024	6:00 PM	At Home	Do assignment	Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
3/24/2024	8:00 PM	At Home	Eye care	Blind Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
3/24/2024	10:30 PM	At Home	Cooking	Zabusia (Little Frog)	Animal - Frog Related	Verbal	In Person	1 Very soft	Jakub	Husband	Serious	Apologizing
3/24/2024	11:00 PM	At Home	Video with parents	公主 (Princess)	Others	Verbal	Virtual	2 Kinda soft	Dad	Family	Happy	Just draw attention
3/25/2024	7:30 AM	At Home	woke up early	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
3/25/2024	3:00 PM	At School	Talking to Nicole	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Complimenting
3/25/2024	5:00 PM	At Gym	Leg training	阿瑞 (a Rui)	Name Variations	Verbal	In Person	2 Kinda soft	Zhang	Close Friends	Happy	Complimenting
3/25/2024	6:00 PM	At Home	Chatting	Powerful Kotus (little cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Amused	Complimenting
3/25/2024	8:00 PM	At Home	Do assignment	Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
3/25/2024	9:00 PM	At Home	Eye care	Blind Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
3/26/2024	9:30 AM	At Home	Don't want to get up, meowing, cling on his arm	Lazy Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
3/26/2024	10:00 AM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	3 Normal	Zhang	Close Friends	Happy	Greeting
3/26/2024	2:00 PM	At Gym	Back training	阿瑞 (a Rui)	Name Variations	Verbal	In Person	2 Kinda soft	Zhang	Close Friends	Happy	Complimenting
3/26/2024	6:00 PM	At Home	Chatting	Powerful Kotus (little cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Amused	Complimenting
3/26/2024	8:00 PM	At Home	Squatting in chair	Zabusia (Little Frog)	Animal - Frog Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
3/26/2024	9:00 PM	At Home	Playing with Croco	Croco Fan	Other Animals	Verbal	In Person	3 Normal	Jakub	Husband	Happy	Commenting
3/26/2024	11:00 PM	At home	Wiggling in bed	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
3/27/2024	10:00 AM	At Home	Wake up late	Lazy Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
3/27/2024	12:00 PM	At School	Do assignment	Bee	Animal - Bee Related	Written	Text Message	/	Jakub	Husband	Amused	Commenting
3/27/2024	10:00 AM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	3 Normal	Zhang	Close Friends	Happy	Greeting
3/27/2024	11:00 AM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	1 Very soft	Nicole	Close Friends	Excited	Greeting
3/27/2024	4:00 PM	At Home	husband squeezing my arm	Baby	Others	Verbal	In Person	1 Very soft	Jakub	Husband	Happy	Commenting
3/27/2024	8:00 PM	At Home	Do assignment	Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
3/27/2024	9:00 PM	At Home	Eye care	Blind Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
3/27/2024	11:30 PM	At Home	husband squeezing my arm	Baby	Others	Verbal	In Person	1 Very soft	Jakub	Husband	Happy	Commenting
3/28/2024	9:00 AM	At Home	Don't want to get up, meowing, cling on his arm	Lazy Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
3/28/2024	9:30 AM	At Home	Calling my dad	渝儿 (small yu)	Name Variations	Verbal	Virtual	2 Kinda soft	Dad	Family	Happy	Just draw attention
3/28/2024	9:30 AM	At Home	Calling my dad	公主 (Princess)	Others	Verbal	Virtual	2 Kinda soft	Dad	Family	Happy	Just draw attention

Activity Info				Name Info					Person			
Date	Time	Location	Activity	Name	Name Type	Verbal / Written	Type	Tone	By	Relationship	Emotion when Calling Name	Purpose of Calling
3/28/2024	9:30 AM	At Home	Calling my dad	陈瑞瑜 (full name)	Name Variations	Verbal	Virtual	4 Kinda harsh	Dad	Family	Angry	Just draw attention
3/28/2024	4:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Mention
3/28/2024	5:00 PM	At Gym	Leg training	阿瑞 (a Rui)	Name Variations	Verbal	In Person	2 Kinda soft	Zhang	Close Friends	Happy	Complimenting
3/28/2024	6:00 PM	At Home	Chatting	Powerful Kotus (little cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Amused	Complimenting
3/28/2024	8:00 PM	At Home	Do assignment	Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
3/28/2024	9:00 PM	At Home	Playing with Croco	Croco Fan	Other Animals	Verbal	In Person	3 Normal	Jakub	Husband	Happy	Commenting
3/28/2024	11:30 PM	At Home	husband squeezing my arm	Baby	Others	Verbal	In Person	1 Very soft	Jakub	Husband	Happy	Commenting
3/28/2024	11:40 PM	At Home	Arguing	Silence	Others	/	In Person	/	Jakub	Husband	Angry	/
3/29/2024	9:00 AM	At Home	Don't want to get up, meowing, cling on his arm	Lazy Cat	Animal - Cat Related	Verbal	In Person	4 Kinda harsh	Jakub	Husband	Neutral	Commenting
3/29/2024	10:00 AM	At Home	Chatting online	瑞渝 (Ruiyu)	Name Variations	Written	Text Message	/	Jennifer	Close Friends	Sad	Asking for something
3/29/2024	11:00 AM	At School	Do assignment	Bee	Animal - Bee Related	Written	Text Message	/	Jakub	Husband	Neutral	Commenting
3/29/2024	3:00 PM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	3 Normal	Zhang	Close Friends	Happy	Greeting
3/29/2024	4:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Just draw attention
3/29/2024	4:30 PM	At School	Talking to Nicole	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Complimenting
3/29/2024	9:00 PM	At home	Knitinig	Grandma	Others	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
3/29/2024	11:00 PM	At Home	Curled up my body in bed	Cat ball	Animal - Cat Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
3/31/2024	11:00 AM	At Home	Wake up late	Sloth	Other Animals	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
3/31/2024	11:30 AM	At Home	Call with grandma	瑞渝 (Ruiyu)	Name Variations	Verbal	Virtual	3 Normal	Grandma	Family	Neutral	Just draw attention
3/31/2024	1:00 PM	At home	Chatting online	瑞 (Rui)	Name Variations	Written	Text Message	/	Sunny	Close Friends	Neutral	Mention
3/31/2024	9:00 PM	At home	Chatting online	瑞 (Rui)	Name Variations	Written	Text Message	/	Zhang	Close Friends	Neutral	Asking for something
3/31/2024	9:00 PM	At home	Chatting online	Lazy Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
3/31/2024	10:00 PM	At home	Knitinig	Grandma	Others	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
3/31/2024	11:30 PM	At home	Wiggling in bed	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/1/2024	11:00 AM	At School	Do assignment	Bee	Animal - Bee Related	Written	Text Message	/	Jakub	Husband	Neutral	Commenting
4/1/2024	3:00 PM	At School	Talking to Nicole	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Greeting
4/1/2024	5:00 PM	At Gym	Leg Training	阿瑞 (a Rui)	Name Variations	Verbal	In Person	2 Kinda soft	Zhang	Close Friends	Happy	Complimenting
4/1/2024	6:00 PM	At Home	Chatting	Powerful Kotus (little cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Amused	Complimenting
4/1/2024	7:00 PM	At home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/1/2024	9:00 PM	At Home	Eye care	Blind Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/1/2024	11:00 PM	At Home	Squatting in bed	Zabusia (Little Frog)	Animal - Frog Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/2/2024	8:00 AM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/2/2024	10:00 AM	At Home	Chatting online	瑞渝 (Ruiyu)	Name Variations	Written	Text Message	/	Jennifer	Close Friends	Sad	Asking for something
4/2/2024	10:30 AM	At School	Talking to Nicole	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Greeting
4/2/2024	11:00 AM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	3 Normal	Zhang	Close Friends	Happy	Greeting
4/2/2024	2:00 PM	At Gym	Back training	阿瑞 (a Rui)	Name Variations	Verbal	In Person	2 Kinda soft	Zhang	Close Friends	Happy	Complimenting
4/2/2024	6:00 PM	At Home	Chatting	Powerful Kotus (little cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Amused	Complimenting
4/2/2024	8:00 PM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/2/2024	10:00 PM	At home	Knitinig	Grandma	Others	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/2/2024	11:30 PM	At Home	husband squeezing my arm	Baby	Others	Verbal	In Person	1 Very soft	Jakub	Husband	Happy	Commenting
4/3/2024	9:30 AM	At Home	Calling my dad	渝儿 (small yu)	Name Variations	Verbal	Virtual	2 Kinda soft	Dad	Family	Happy	Just draw attention
4/3/2024	9:30 AM	At Home	Calling my dad	公主 (Princess)	Others	Verbal	Virtual	2 Kinda soft	Dad	Family	Happy	Just draw attention
4/3/2024	11:00 AM	At School	Chatting online	Bee	Animal - Bee Related	Written	Text Message	/	Jakub	Husband	Neutral	Commenting
4/3/2024	11:00 AM	At Home	Chatting online	瑞渝 (Ruiyu)	Name Variations	Written	Text Message	/	Jennifer	Close Friends	Confused	Just draw attention
4/3/2024	1:00 PM	At School	Chatting online	Bee	Animal - Bee Related	Written	Text Message	/	Jakub	Husband	Neutral	Commenting

Activity Info				Name Info					Person			
Date	Time	Location	Activity	Name	Name Type	Verbal / Written	Type	Tone	By	Relationship	Emotion when Calling Name	Purpose of Calling
4/3/2024	2:00 PM	At School	Talking to Nicole	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Greeting
4/3/2024	3:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Just draw attention
4/3/2024	10:00 PM	At home	Knitinig	Grandma	Others	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/3/2024	11:30 AM	At home	Wiggling in bed	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/5/2024	9:00 AM	At Home	Don't want to get up, meowing, cling on his arm	Lazy Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/5/2024	10:00 AM	At Home	Chatting online	瑞渝 (Ruiyu)	Name Variations	Written	Text Message	/	Jennifer	Close Friends	Sad	Asking for something
4/5/2024	11:00 AM	At School	Do assignment	Bee	Animal - Bee Related	Written	Text Message	/	Jakub	Husband	Neutral	Commenting
4/5/2024	3:00 PM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	3 Normal	Zhang	Close Friends	Happy	Greeting
4/5/2024	4:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Just draw attention
4/5/2024	4:30 PM	At School	Talking to Nicole	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Complimenting
4/5/2024	9:00 PM	At home	Knitinig	Grandma	Others	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/6/2024	11:00 AM	At School	Do assignment	Bee	Animal - Bee Related	Written	Text Message	/	Jakub	Husband	Neutral	Commenting
4/6/2024	11:00 AM	At Home	Chatting online	瑞渝 (Ruiyu)	Name Variations	Written	Text Message	/	Jennifer	Close Friends	Neutral	Just draw attention
4/6/2024	11:30 AM	At Home	Call with grandma	瑞渝 (Ruiyu)	Name Variations	Verbal	Virtual	3 Normal	Grandma	Family	Neutral	Just draw attention
4/7/2024	8:00 AM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Written	Text Message	/	Jakub	Husband	Neutral	Commenting
4/7/2024	11:00 AM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	3 Normal	Zhang	Close Friends	Happy	Greeting
4/8/2024	7:30 AM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Written	Text Message	/	Jakub	Husband	Neutral	Commenting
4/8/2024	1:00 PM	At Gym	Leg training	阿瑞 (a Rui)	Name Variations	Verbal	In Person	2 Kinda soft	Zhang	Close Friends	Happy	Complimenting
4/8/2024	4:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Just draw attention
4/9/2024	8:00 AM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Written	Text Message	/	Jakub	Husband	Neutral	Commenting
4/9/2024	10:00 AM	At Home	Chatting online	瑞渝 (Ruiyu)	Name Variations	Written	Text Message	/	Jennifer	Close Friends	Sad	Asking for something
4/9/2024	10:30 AM	At School	Do assignment	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Greeting
4/9/2024	11:00 AM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	3 Normal	Zhang	Close Friends	Happy	Greeting
4/9/2024	2:00 PM	At Gym	Back training	阿瑞 (a Rui)	Name Variations	Verbal	In Person	2 Kinda soft	Zhang	Close Friends	Happy	Complimenting
4/9/2024	8:00 PM	At Home	Get back home	Kotusia (mini cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Excited	Greeting
4/9/2024	9:00 PM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/9/2024	10:00 PM	At home	Knitinig	Grandma	Others	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/9/2024	11:30 PM	At Home	husband squeezing my arm	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/10/2024	9:30 AM	At Home	Calling my dad	渝儿 (small yu)	Name Variations	Verbal	Virtual	2 Kinda soft	Dad	Family	Happy	Just draw attention
4/10/2024	9:30 AM	At Home	Calling my dad	公主 (Princess)	Others	Verbal	Virtual	2 Kinda soft	Dad	Family	Happy	Just draw attention
4/10/2024	11:00 AM	At School	Chatting online	Bee	Animal - Bee Related	Written	Text Message	/	Jakub	Husband	Neutral	Commenting
4/10/2024	11:00 AM	At School	Chatting online	瑞渝 (Ruiyu)	Name Variations	Written	Text Message	/	Jennifer	Close Friends	Confused	Just draw attention
4/10/2024	1:00 PM	At School	Chatting online	Bee	Animal - Bee Related	Written	Text Message	/	Jakub	Husband	Neutral	Commenting
4/10/2024	2:00 PM	At School	Do assignment	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Greeting
4/10/2024	3:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Just draw attention
4/10/2024	10:00 PM	At home	Knitinig	Grandma	Others	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/10/2024	11:30 AM	At home	Wiggling in bed	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/11/2024	9:00 AM	At Home	Don't want to get up, meowing, cling on his arm	Lazy Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/11/2024	9:30 AM	At Home	Calling my dad	渝儿 (small yu)	Name Variations	Verbal	Virtual	2 Kinda soft	Mom	Family	Happy	Just draw attention
4/11/2024	9:30 AM	At Home	Calling my dad	公主 (Princess)	Others	Verbal	Virtual	2 Kinda soft	Dad	Family	Happy	Just draw attention
4/11/2024	4:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Mention
4/11/2024	5:00 PM	At Gym	Leg training	阿瑞 (a Rui)	Name Variations	Verbal	In Person	2 Kinda soft	Zhang	Close Friends	Happy	Complimenting
4/11/2024	6:00 PM	At Home	Chatting	Powerful Kotus (little cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Amused	Complimenting
4/11/2024	8:00 PM	At Home	Do assignment	Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting

Activity Info				Name Info					Person			
Date	Time	Location	Activity	Name	Name Type	Verbal / Written	Type	Tone	By	Relationship	Emotion when Calling Name	Purpose of Calling
4/11/2024	9:00 PM	At Home	Playing with Croco	Croco Fan	Other Animals	Verbal	In Person	3 Normal	Jakub	Husband	Happy	Commenting
4/11/2024	11:30 PM	At Home	Curled up my body in bed	Cat ball	Animal - Cat Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/12/2024	7:00 AM	At Home	Get up early do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/12/2024	10:00 AM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Mention
4/12/2024	10:00 AM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Neutral	Asking for something
4/12/2024	3:00 PM	At School	Picking me up	Kotusia (mini cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Excited	Greeting
4/12/2024	8:00 PM	At Home	Aquating on floor doing nail	Zabusia (Little Frog)	Animal - Frog Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/12/2024	11:30 PM	At home	Wiggling in bed	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/13/2024	10:00 AM	At Home	Don't want to get up, meowing, cling on his arm	Lazy Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/13/2024	12:00 PM	At Home	Knitting	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Sarcastic	Commenting
4/13/2024	3:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Mention
4/13/2024	3:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Neutral	Mention
4/13/2024	9:00 PM	At Home	Eye care	Blind Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/13/2024	11:30 PM	At Home	husband squeezing my arm	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/13/2024	11:50 PM	At Home	Arguing	Silence	Others	/	In Person	/	Jakub	Husband	Angry	/
4/14/2024	9:30 AM	At Home	Don't want to get up, meowing, cling on his arm	Lazy Cat	Animal - Cat Related	Verbal	In Person	4 Kinda harsh	Jakub	Husband	Neutral	Commenting
4/14/2024	3:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Mention
4/14/2024	3:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Neutral	Mention
4/14/2024	6:00 PM	At Home	Do assignment	Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/14/2024	10:00 PM	At home	Knitinig	Grandma	Others	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/14/2024	11:00 PM	At Home	Walk into living room	Zab Zab (mini frog)	Animal - Frog Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Neutral	Just draw attention
4/15/2024	9:40 AM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/15/2024	12:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Neutral	Mention
4/15/2024	2:00 PM	At School	Do assignment	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Complimenting
4/15/2024	5:00 PM	At Gym	Leg Training	阿瑞 (a Rui)	Name Variations	Verbal	In Person	2 Kinda soft	Zhang	Close Friends	Happy	Complimenting
4/15/2024	6:00 PM	At Home	Chatting	Powerful Kotus (little cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Amused	Complimenting
4/15/2024	7:30 PM	At Home	Get up early do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/15/2024	10:00 PM	At home	Knitinig	Grandma	Others	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/15/2024	11:40 PM	At Home	Aquating on floor doing nail	Zabusia (Little Frog)	Animal - Frog Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/16/2024	8:30 AM	At home	Wiggling in bed	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/16/2024	9:30 AM	At home	Chatting	Kotusia (mini cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Sad	Just draw attention
4/16/2024	10:00 AM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Just draw attention
4/16/2024	1:00 PM	At Gym	Back training	阿瑞 (a Rui)	Name Variations	Verbal	In Person	2 Kinda soft	Zhang	Close Friends	Happy	Complimenting
4/16/2024	5:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Neutral	Mention
4/16/2024	5:00 PM	At School	Do assignment	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Complimenting
4/16/2024	10:00 PM	At home	Playing game	Powerful Kotus (little cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Amused	Complimenting
4/16/2024	11:30 PM	At Home	husband squeezing my arm	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/17/2024	7:30 AM	At Home	Get up early do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/17/2024	9:00 AM	At School	Do assignment	Bee	Animal - Bee Related	Written	Text Message	/	Jakub	Husband	Neutral	Commenting
4/17/2024	11:00 AM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	3 Normal	Zhang	Close Friends	Happy	Greeting
4/17/2024	4:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Just draw attention
4/17/2024	5:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Neutral	Just draw attention
4/17/2024	7:00 PM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/17/2024	9:00 PM	At Home	Knitting	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Sarcastic	Commenting

Activity Info				Name Info					Person			
Date	Time	Location	Activity	Name	Name Type	Verbal / Written	Type	Tone	By	Relationship	Emotion when Calling Name	Purpose of Calling
4/17/2024	11:50 PM	At Home	husband squeezing my arm	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/19/2024	7:00 AM	At Home	Get up early do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/19/2024	11:00 AM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Mention
4/19/2024	11:00 AM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Neutral	Asking for something
4/19/2024	11:30 PM	At home	Wiggling in bed	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/20/2024	12:00 AM	At Home	Calling my dad	渝儿 (small yu)	Name Variations	Verbal	Virtual	2 Kinda soft	Mom	Family	Neutral	Mention
4/20/2024	1:00 AM	At Home	Calling my dad	公主 (Princess)	Others	Verbal	Virtual	2 Kinda soft	Dad	Family	Happy	Just draw attention
4/21/2024	10:30 AM	At Home	Slept a lot	Sloth	Other Animals	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/21/2024	2:00 PM	At Home	Me Meowing for food	Lazy Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Happy	Commenting
4/21/2024	3:00 PM	At Home	Walk into living room	Zab Zab (mini frog)	Animal - Frog Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Neutral	Just draw attention
4/21/2024	3:20 PM	At Home	Do assignment	Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/21/2024	5:00 PM	At Home	Angry at husband because he stole my snack	Zabusia (Little Frog)	Animal - Frog Related	Verbal	In Person	1 Very soft	Jakub	Husband	Serious	Apologizing
4/21/2024	11:40 PM	At Home	Cling on husband's arm	Koala	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/22/2024	8:30 AM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/22/2024	10:30 AM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Serious	Commenting
4/22/2024	12:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Neutral	Mention
4/22/2024	2:00 PM	At School	Talking to Nicole	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Complimenting
4/22/2024	3:00 PM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Excited	Greeting
4/22/2024	4:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Just draw attention
4/22/2024	7:00 PM	At Home	Asking me to eat	Kotusia (mini cat)	Animal - Cat Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Neutral	Just draw attention
4/22/2024	9:00 PM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Serious	Commenting
4/23/2024	1:00 AM	At Home	Curled up my body in bed	Cat ball	Animal - Cat Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/23/2024	8:30 AM	At Home	Wiggling in bed	Wormusia (little worm)	Other Animals	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/23/2024	10:00 AM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/23/2024	12:00 PM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	3 Normal	Zhang	Close Friends	Happy	Greeting
4/23/2024	2:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Neutral	Mention
4/23/2024	3:00 PM	At School	Chatting	Grandma	Others	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Commenting
4/23/2024	8:00 PM	At Home	Chatting online	瑞渝 (Ruiyu)	Name Variations	Written	Text Message	/	Jennifer	Close Friends	Confused	Just draw attention
4/24/2024	2:00 AM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Serious	Commenting
4/24/2024	11:20 AM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Serious	Commenting
4/24/2024	1:00 PM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	3 Normal	Zhang	Close Friends	Happy	Greeting
4/24/2024	5:00 PM	At Home	Asking me to eat	Kotusia (mini cat)	Animal - Cat Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Neutral	Just draw attention
4/24/2024	7:00 PM	At Home	Knitinig	Grandma	Others	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/25/2024	2:00 AM	At Home	Arguing	Silence	Others	/	In Person	/	Jakub	Husband	Angry	/
4/25/2024	2:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Neutral	Just draw attention
4/25/2024	3:00 PM	At School	Do assignment	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Complimenting
4/25/2024	4:30 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Just draw attention
4/25/2024	7:00 PM	At home	Chatting online	瑞姐 (older sister Rui)	Name Variations	Written	Text Message	/	Nicole	Close Friends	Happy	Mention
4/25/2024	8:00 PM	At Home	husband back from outside	Kotusia (mini cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Happy	Greeting
4/25/2024	11:50 PM	At Home	Cling on husband's arm	Sloth	Other Animals	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/26/2024	2:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Mention
4/26/2024	2:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Neutral	Asking for something
4/27/2024	11:00 AM	At Home	Chatting online	渝儿 (small yu)	Name Variations	Written	Text Message	/	Mom	Family	Neutral	Just draw attention
4/27/2024	1:00 PM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	3 Normal	Zhang	Close Friends	Happy	Greeting

Activity Info				Name Info					Person			
Date	Time	Location	Activity	Name	Name Type	Verbal / Written	Type	Tone	By	Relationship	Emotion when Calling Name	Purpose of Calling
4/27/2024	3:00 PM	At School	Chatting	瑞 (Rui)	Name Variations	Verbal	In Person	3 Normal	Sunny	Close Friends	Neutral	Just draw attention
4/27/2024	3:30 PM	At School	Chatting	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Bobby	Close Friends	Neutral	Mention
4/27/2024	8:00 PM	At Home	I go back home	Kotusia (mini cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Happy	Greeting
4/27/2024	8:30 PM	At Home	Walk into living room	Zab Zab (mini frog)	Animal - Frog Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Neutral	Just draw attention
4/27/2024	11:50 PM	At Home	Cling on husband's arm	Sloth	Other Animals	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/28/2024	10:00 AM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/28/2024	2:00 PM	At School	Do assignment	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Complimenting
4/28/2024	5:00 PM	At School	Do assignment	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Mention
4/28/2024	6:00 PM	At School	Chatting	Rui Rui	Name Variations	Verbal	In Person	1 Very soft	Nicole	Close Friends	Excited	Greeting
4/28/2024	8:00 PM	At school	Calling my dad	公主 (Princess)	Others	Verbal	Virtual	2 Kinda soft	Dad	Family	Happy	Just draw attention
4/28/2024	11:00 PM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/29/2024	1:30 AM	At Home	Curled up my body in bed	Cat ball	Animal - Cat Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting
4/29/2024	10:00 AM	At Home	Do assignment	Busy Bee	Animal - Bee Related	Verbal	In Person	3 Normal	Jakub	Husband	Neutral	Commenting
4/29/2024	11:00 AM	At Home	Do assignment	瑞 (Rui)	Name Variations	Written	Text Message	/	Nicole	Close Friends	Serious	Asking for something
4/29/2024	2:00 PM	At School	In class	瑞姐 (older sister Rui)	Name Variations	Verbal	In Person	3 Normal	Nicole	Close Friends	Happy	Complimenting
4/29/2024	6:30 PM	At Home	Walk into living room	Zab Zab (mini frog)	Animal - Frog Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Neutral	Just draw attention
4/29/2024	7:00 PM	At Home	Do assignment	瑞 (Rui)	Name Variations	Written	Text Message	/	Zhang	Close Friends	Serious	Asking for something
4/29/2024	9:00 PM	At Home	Knitinig	Grandma	Others	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/29/2024	11:50 PM	At Home	Cling on husband's arm	Sloth	Other Animals	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/30/2024	10:00 AM	At Home	Don't want to get up, meowing, cling on his arm	Lazy Cat	Animal - Cat Related	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/30/2024	11:00 AM	At Home	Knitinig	Grandma	Others	Verbal	In Person	3 Normal	Jakub	Husband	Amused	Commenting
4/30/2024	5:00 PM	At Gym	Back Training	阿瑞 (a Rui)	Name Variations	Verbal	In Person	2 Kinda soft	Zhang	Close Friends	Happy	Complimenting
4/30/2024	8:00 PM	At Home	Chatting	Powerful Kotus (little cat)	Animal - Cat Related	Verbal	In Person	1 Very soft	Jakub	Husband	Amused	Complimenting
5/1/2024	1:00 AM	At Home	Curled up my body in bed	Cat ball	Animal - Cat Related	Verbal	In Person	2 Kinda soft	Jakub	Husband	Happy	Commenting

Decode the Names

Final Title

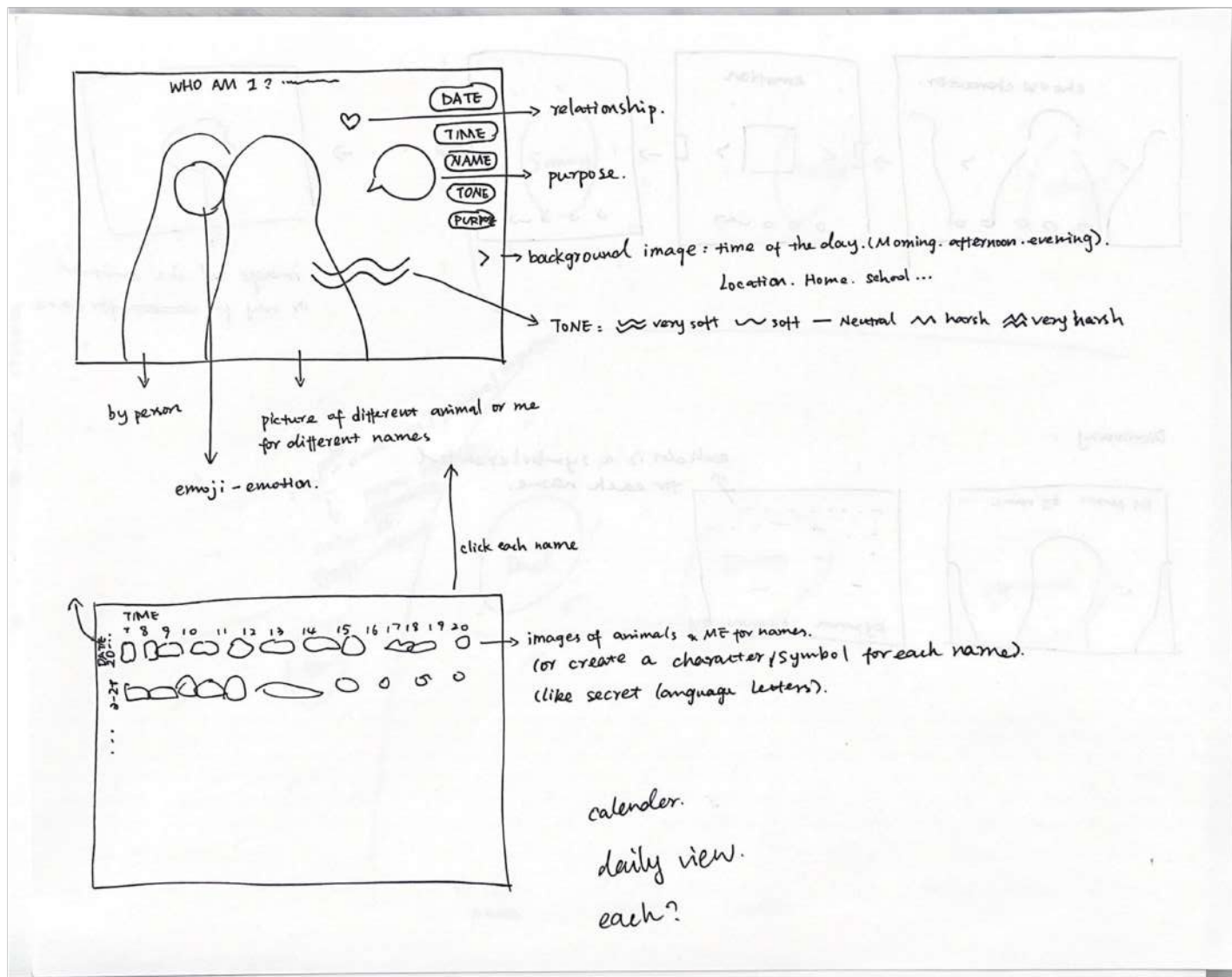
We are called by people close to us a thousand different names. These names changes in different location, by different people with different emotions and tones for different purposes. They're almost a secret language. This data visualization is to uncover the hidden factors behind names and appreciate the love and accompanies in our life.

Final Blurb

Process

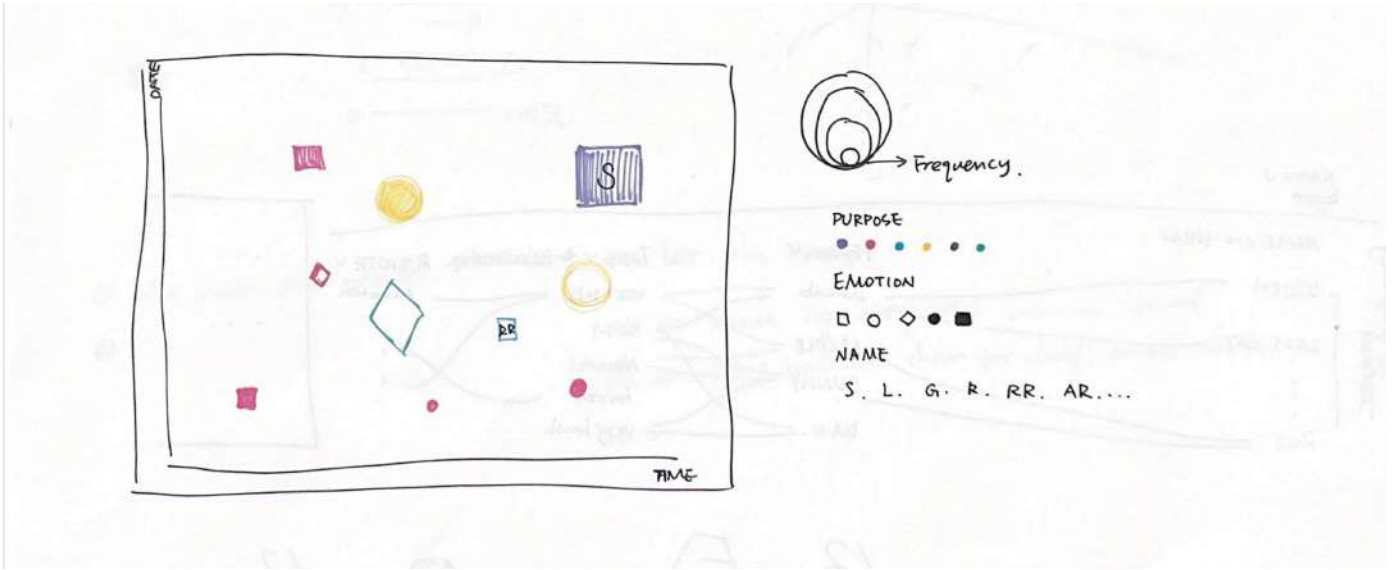
Concepts

SKETCHES



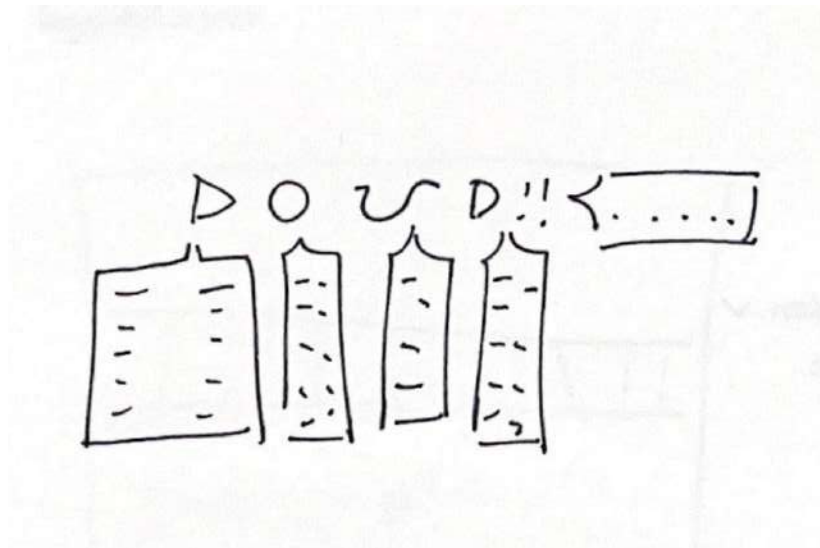
Concept 1 - Calendar

This is a concept including two pages. One page is symbols I created for each name I was called, sort by time and date to make people curious about what they are, And another page is when people click on one symbol, then it led to a detail page of that name, when it's called, where, by who, etc. And on the right, people can use the buttons to change the situations to view other name details.



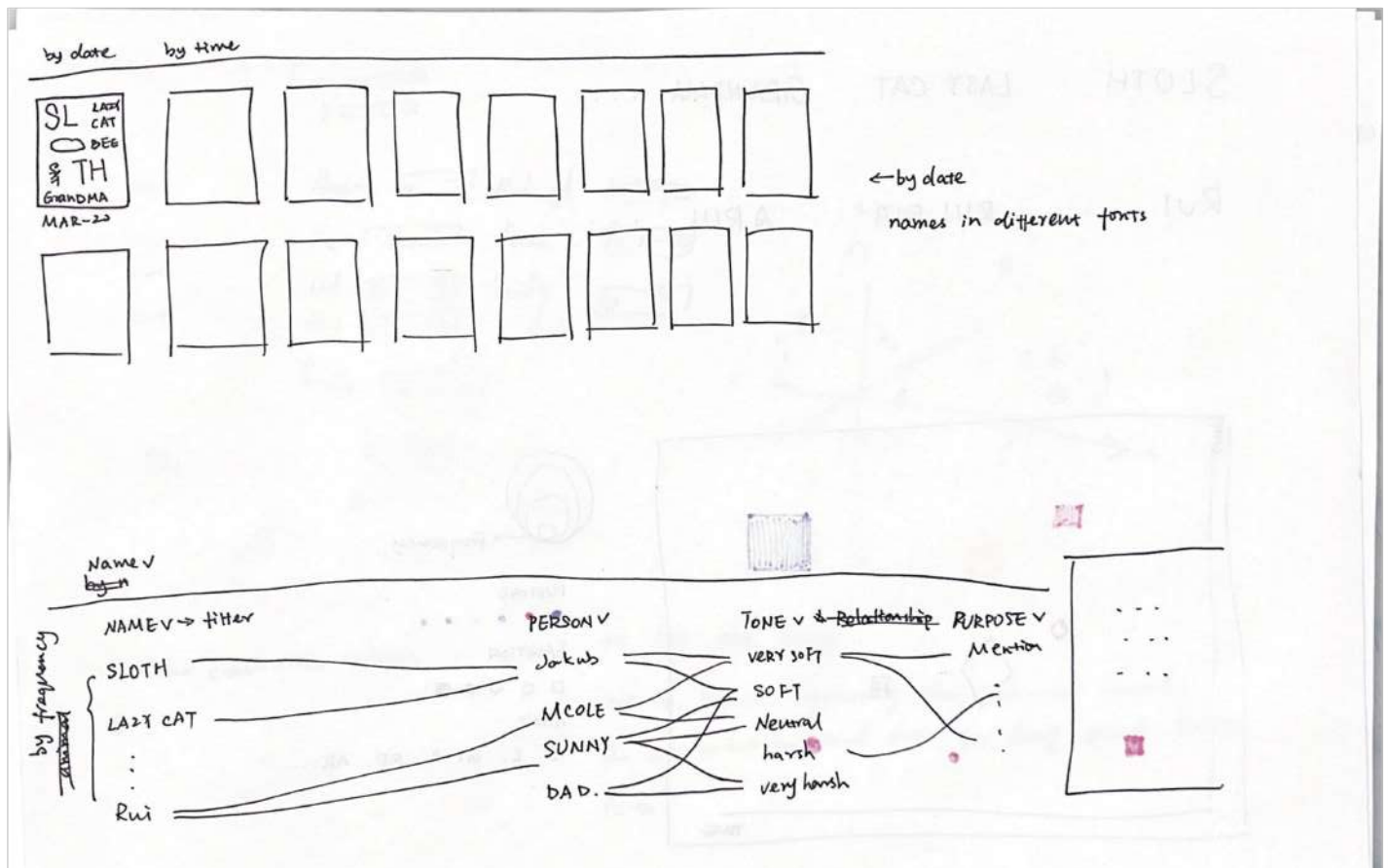
Concept 2 - Axis

This is a concept to put information all together in a coordinate axis and use different size to show the frequency of the names getting called.



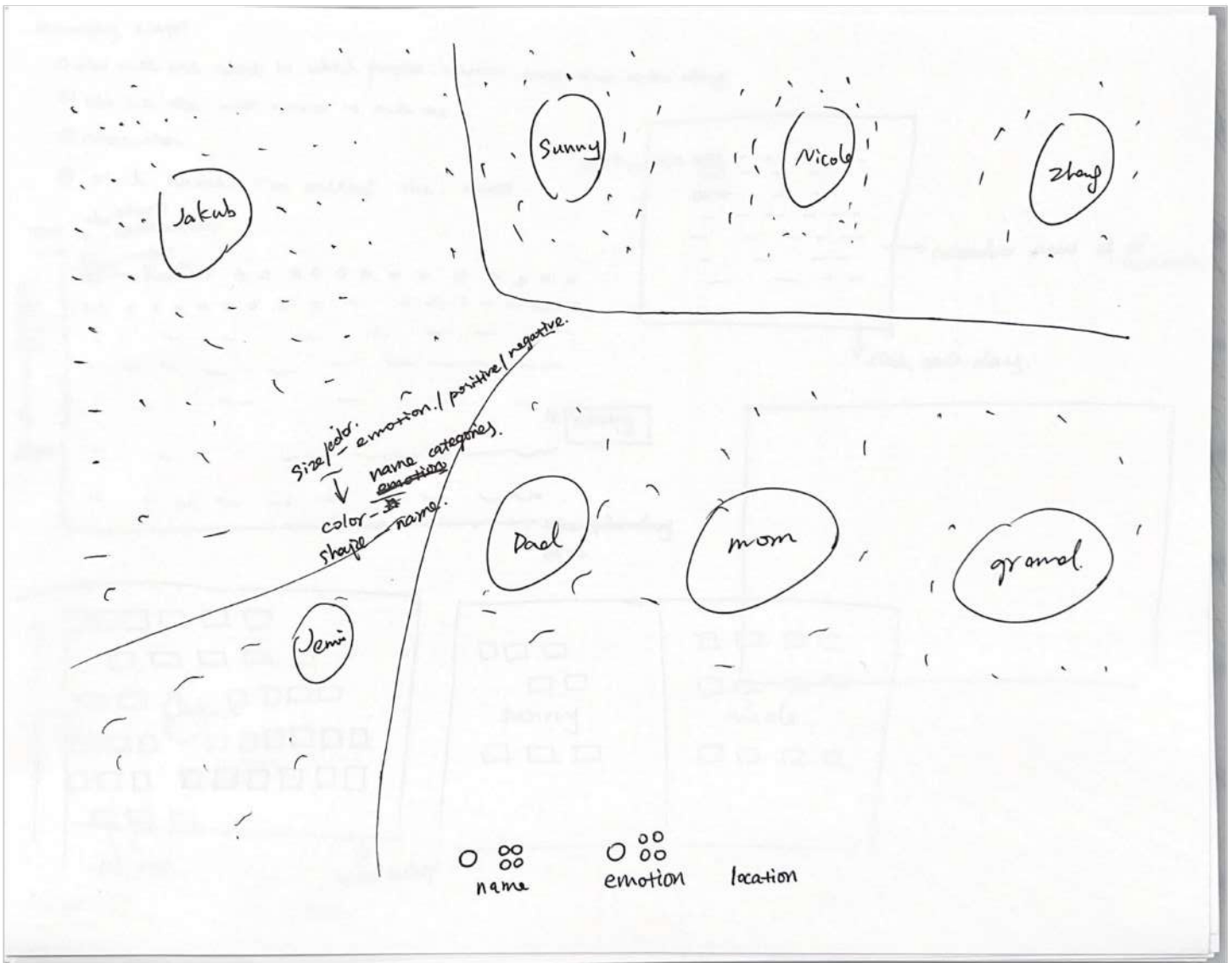
Concept 3 - Guessing Game

This concept is a real “decoder”. in a page, there would be five empty boxes with drop down menus. After the viewer select elements for each box, it would show the meaning of that sentence they just created and some statistics related to the one they created. By trying multiple times, the viewer would be able to guess what each of them means.



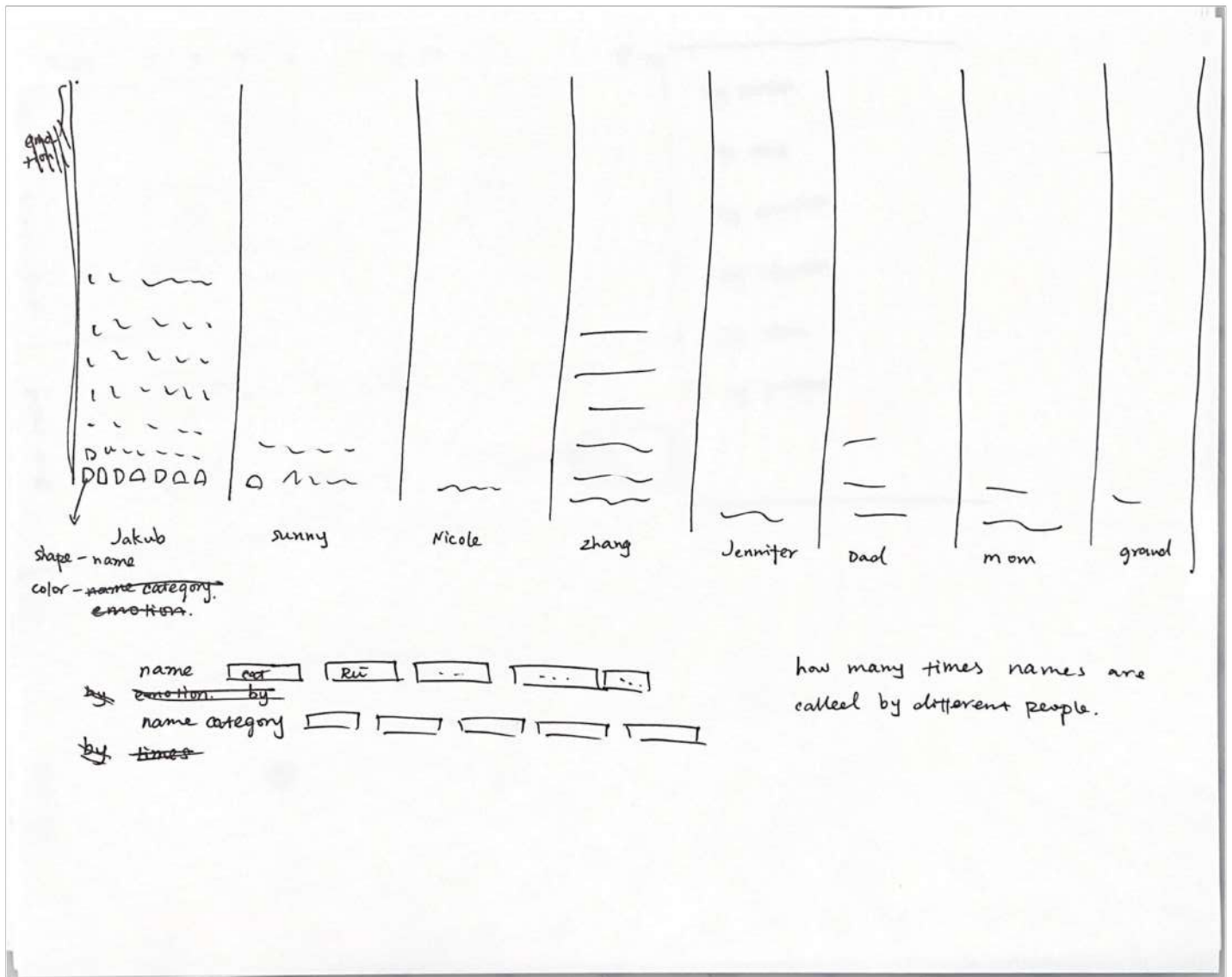
Concept 4 - Views

This concept has two pages as well, one page is overall information by date and within each day by hour. Another page is a view to compare the names with person, connected with lines.



Concept 5 - Dot Crowds

Every name is a small colored dot scattered around each person's name, people can choose different categories to compare the dots. For example, the person in the center of each dots crowd can be changed to emotion.

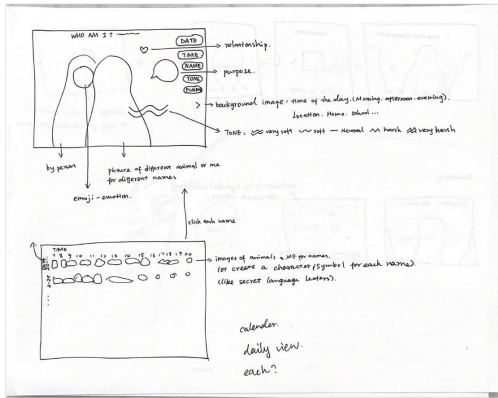


Concept 6 - Name Compare

Each block is filled with shapes standing for different names. And the name color stands for name categories. This way, it's easy to see who call me by what and how many times they've called me.

CONCEPT TEST 1

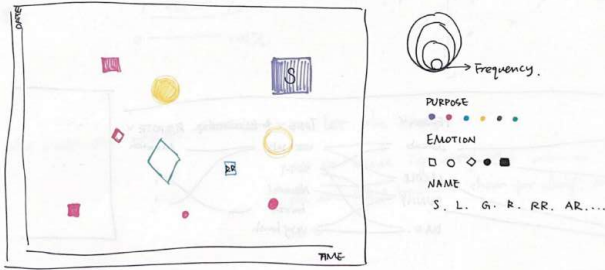
This concept test is done with 8 participants.



Concept 1

Pro Love the calendar view

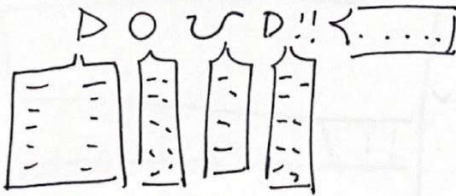
Con This doesn't show trend, all the informations are together, need filter function



Concept 2

Pro Frequency is addressed

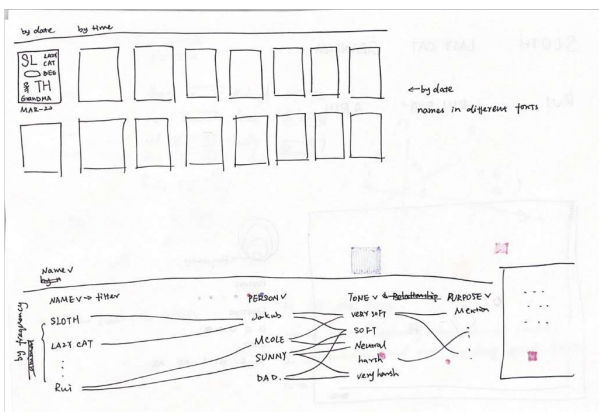
Con Not clear what frequency means here in this date and time coordinate axis



Concept 3

Pro Fun and engaging

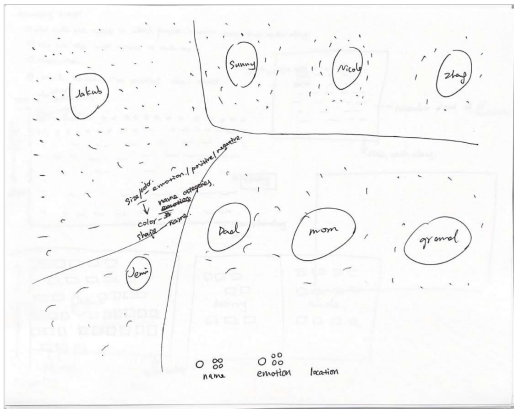
Con Need time to guess what's happening, there's a leaning curve



Concept 4

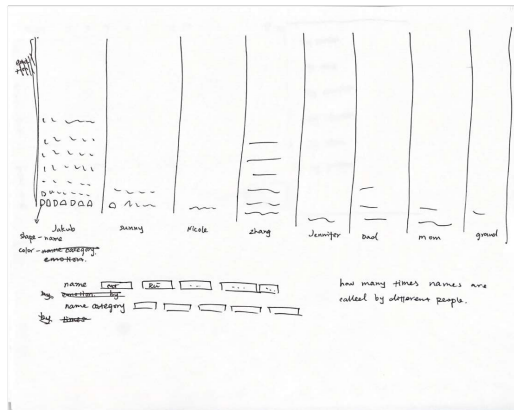
Pro Different views helps to have different focus, can easily find connections

Con Not sure if the lines can work, looks very messy, and not every data is able to be connected



Concept 5

- Pro** This can show clear relationship between categories
- Con** Not showing how name changes with time of the day



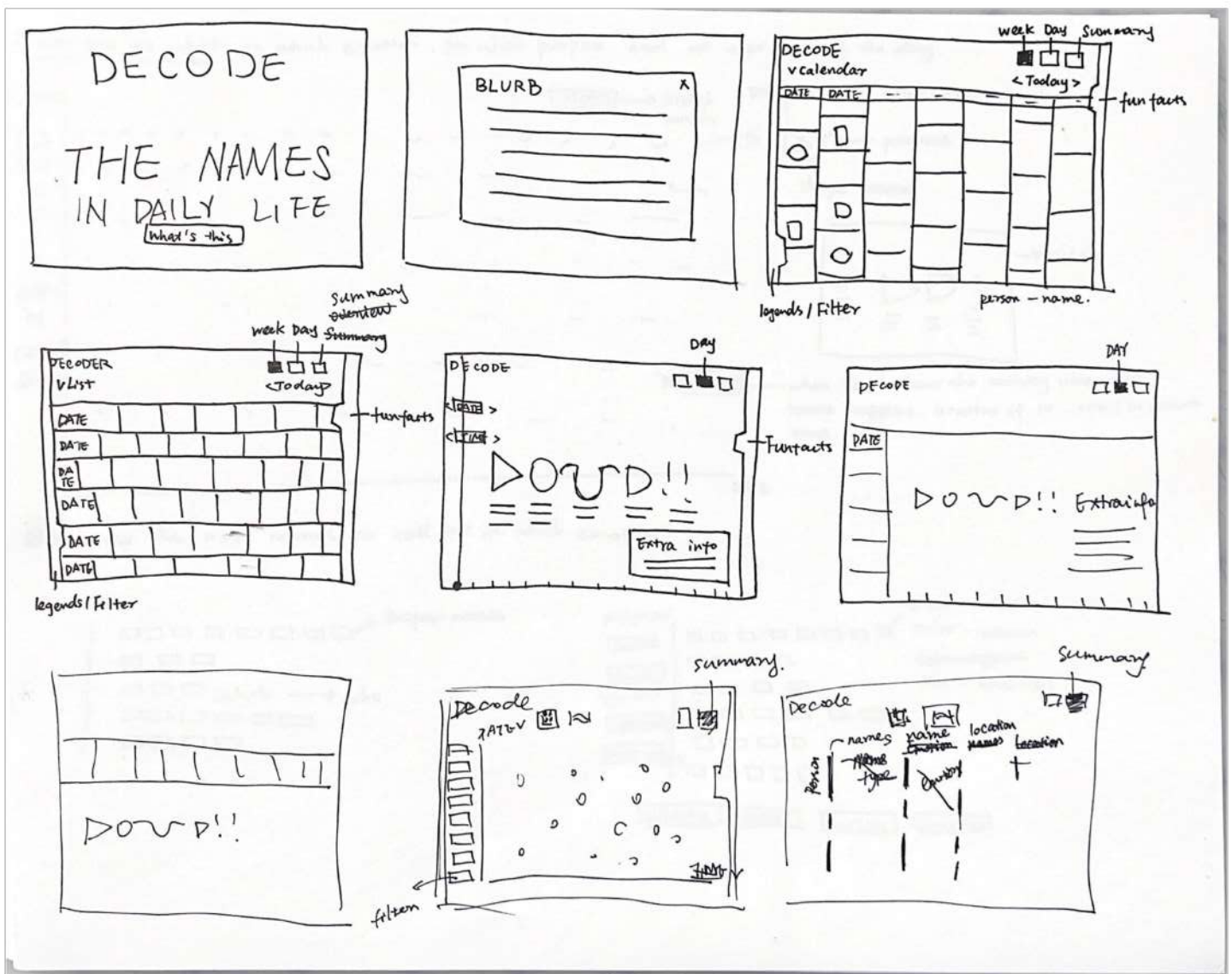
Concept 6

- Pro** Clear connections between categories as above, just more organized
- Con** Same like concept 5, not showing name changes or other factors changes within time of a day

As the test feedback shows, viewers are expecting to see how name changes through time, and also they're curious to see connections between categories. It is also needed to add filter function to see focused information.

Conclusion

REFINED SKETCHES

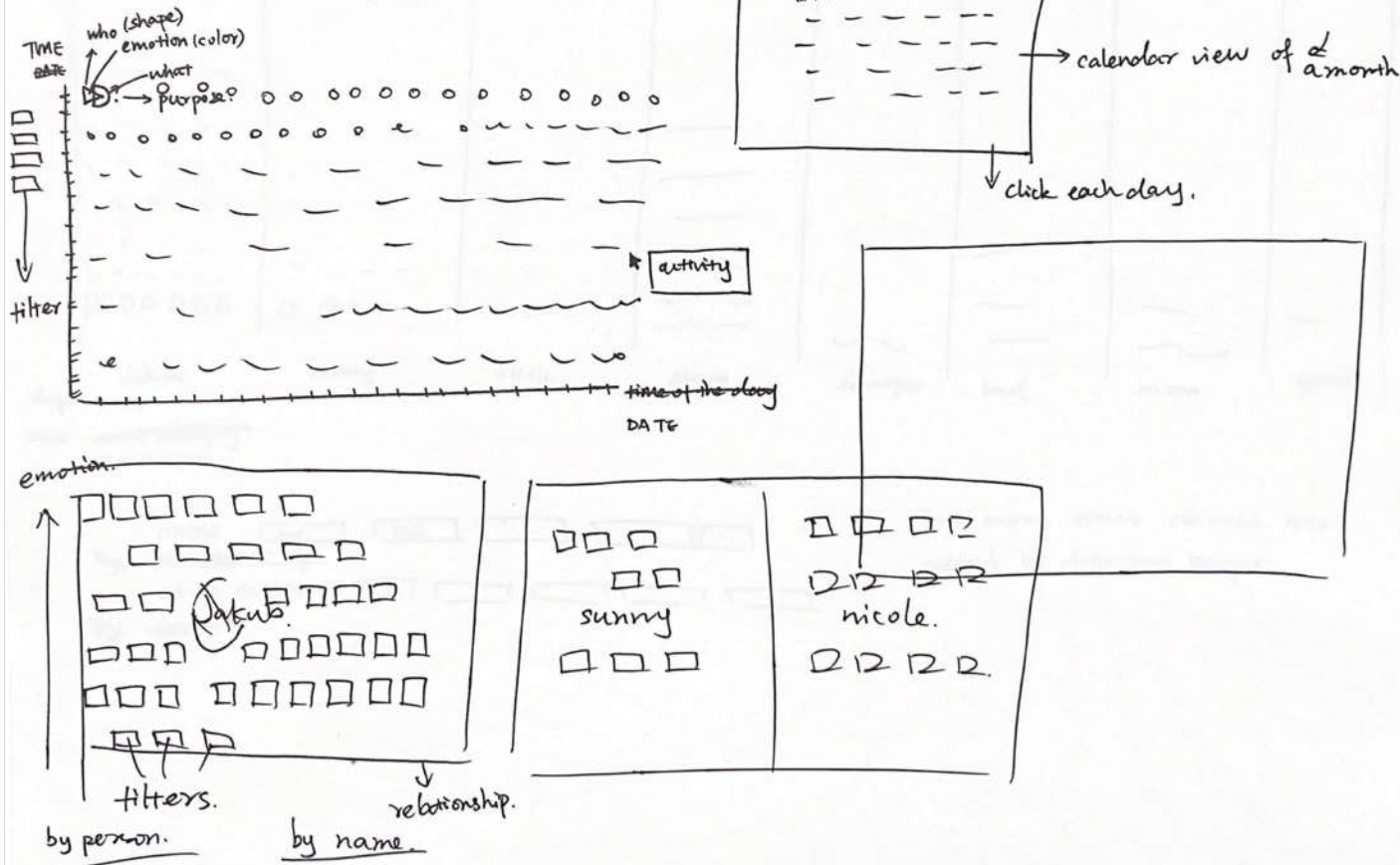


Concept 1

Top left is the title page, after clicking “what’s this”, it goes to blurb (top middle). Finish reading blurb, and it goes to the calendar view, it shows the names I was called each day and different times (top right). Viewers can also choose list view (middle left). After clicking on one specific name, a window will pop up and show the details of that name (middle), on the left side of this window are two buttons to go back and forth date and time. On the right corner of the screen are three buttons to choose views, week, day or summary. When choose summary, it shows compare and connections between categories. There are two views as well, viewers can click the icons to switch between two views.

Hierarchy. (info).

- ① who call me what in which purpose, emotion, tone, time of the day.
- ② Who use the most name to call me.
- ③ connection
- ④ Which name 2'm called the most.

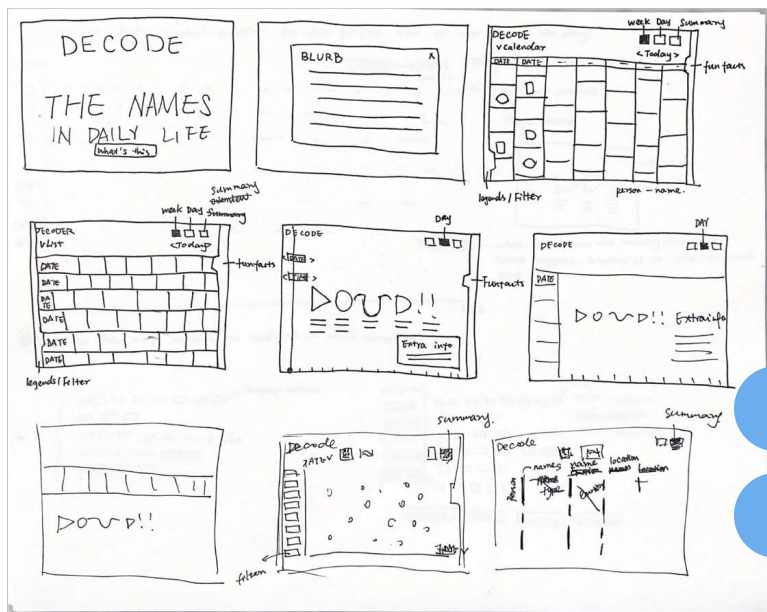


Concept 2

This has two main parts - calendar view and compare view. The calendar view has symbols I created for each time I was called listed in date and time. On the left, there're filters to see focused information within day and time. Another view is compare. In this view, viewers can choose two different categories to compare them.

CONCEPT TEST 2

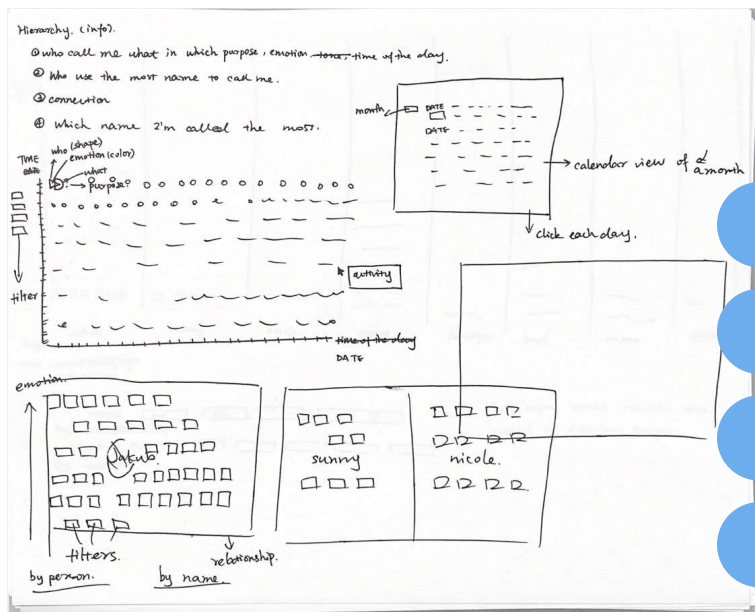
This concept test is done with 6 participants.



Concept 1 (2 voted)

Pro It is detailed, like title page and blurb, and call out of each name

Con The two views are a bit illogical, they can't reflect the connections as clear as the second concept



Concept 2 (4 voted)

Pro Compare is clear to see connections

Con Want to have access to a name detail

Use the second structure, but add in detail page.

Conclusion

Process

Visual

TYPOGRAPHY

Decode the Names

We are called by people close to us a thousand different names. These names changes in different location, by different people with different emotions and tones for different purposes. They're almost a secret language. This data visualization is to uncover the hidden factors behind names and appreciate the love and accompanies in our life.

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DE<()DE Ŧ-IE /NAMES

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We are called by people close to us a thousand different names. These names changes in different location, by different people with different emotions and tones for different purposes. They're almost a secret language. This data visualization is to uncover the hidden factors behind names and appreciate the love and accompanies in our life.

I tested different method and type combinations for the design system.

First one is PP Monument Extended, I like it to be extended and kinda rounded to give a powerful, goofy and friendly feeling.

Second one is Helvetica, as I settled down with the name Decode the Names, I try Helvetica to see if this type combination can give a vibe of simple decoder, which failed.

Helvetica glyphs with Source Code Variable as body copy to give a vide of decoding. Doesn't look harmonious.

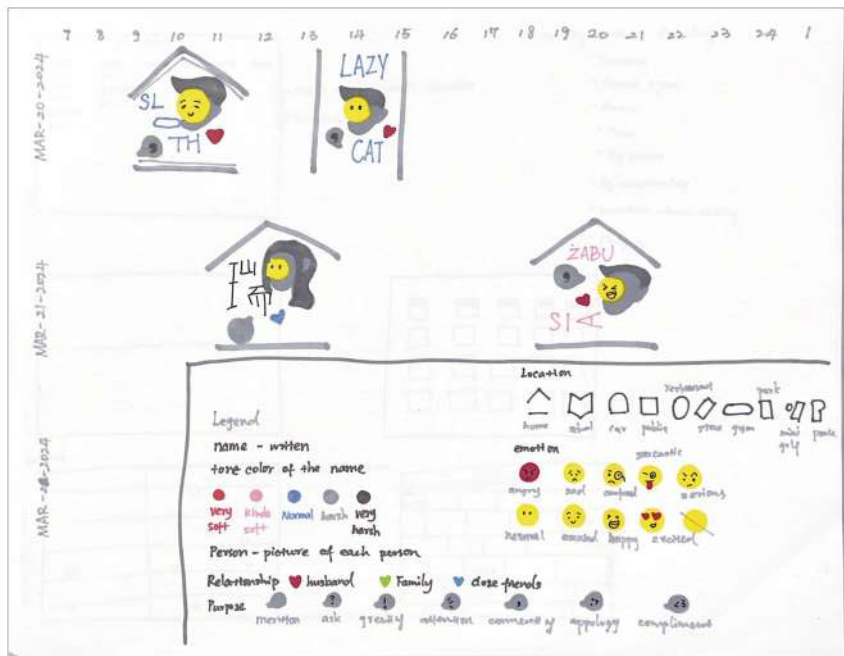
All caps title with Minion Variable Concept body copy. I tried to give contrast between the two types to stand for the contrast between names and actual meanings. But this is not convincing even for myself.

Sora glyphs for the title and Helvetica as body copy. Decent, but not good enoughh.

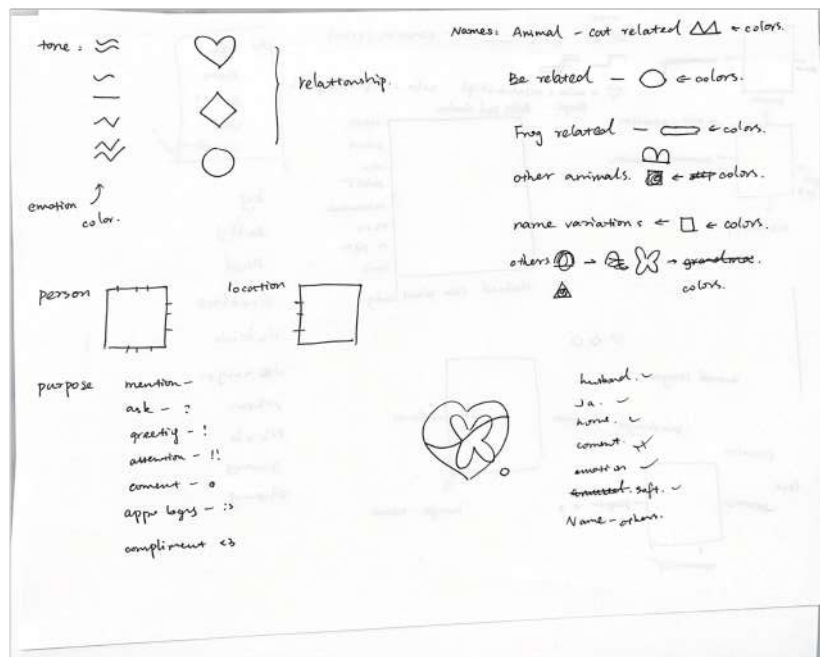
WINNER

Sora glyphs for title and Sora for body copy. It feels friendly, goofy and fun. Also, Sora gives a nuance feeling of coding.

IMAGE



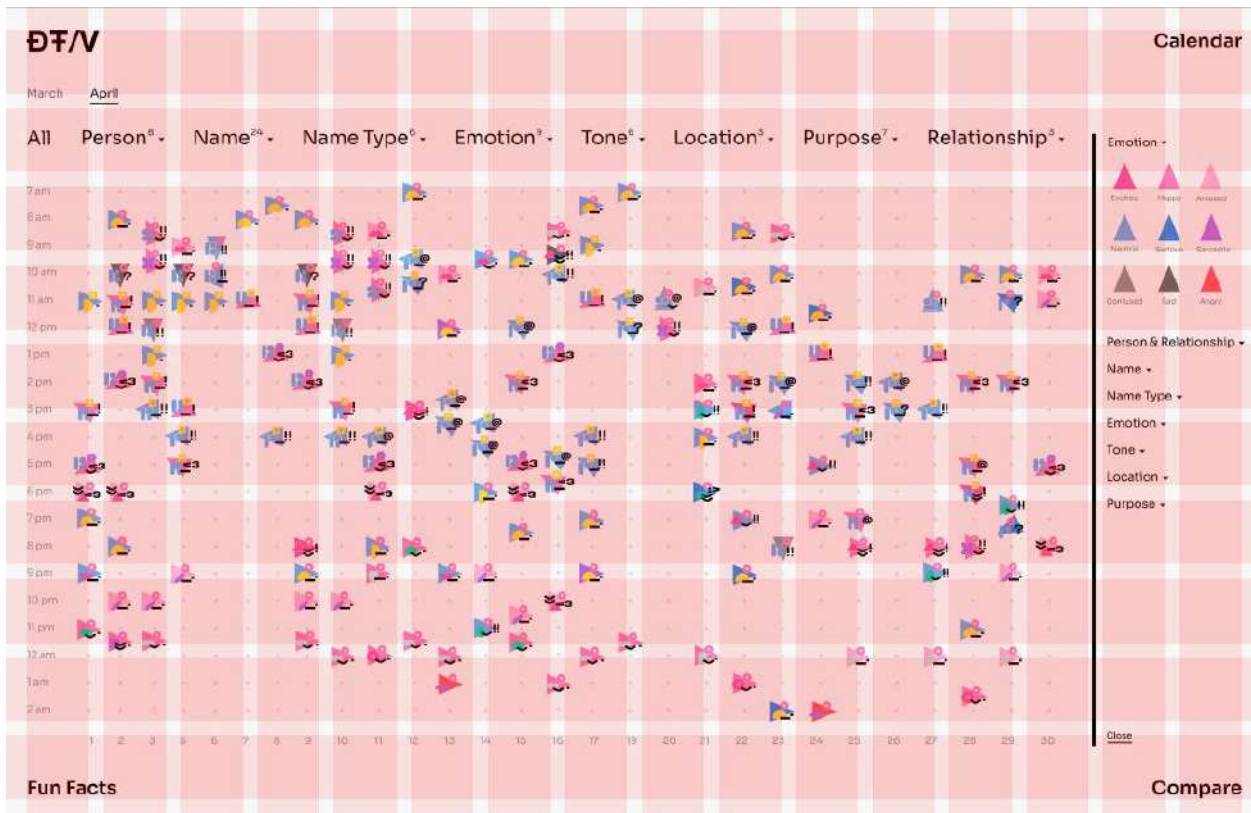
I initially developed this concept to represent each element in a name. But I found this does not like a language symbol, does not fit the title of my work and the elements made a name very large, makes it difficult to fit in a calendar view of a whole month.



Then I created another system which is more like a secret language.

GRID

I also set a grid system to keep the layout cohesive.



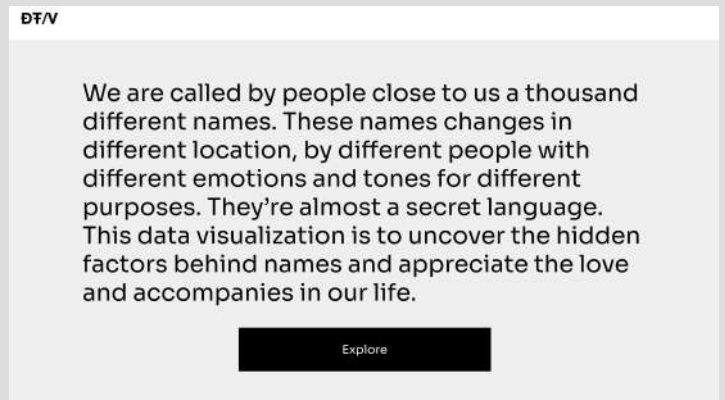
Process

Wireframes / Storyboard +Tests

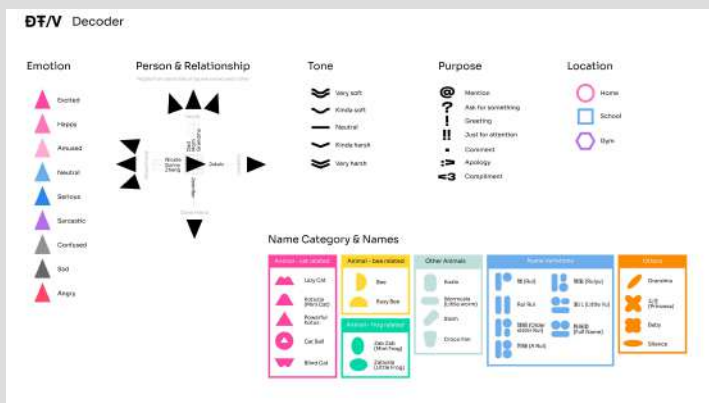
FLOW 1



Title page - scroll down to Blurb



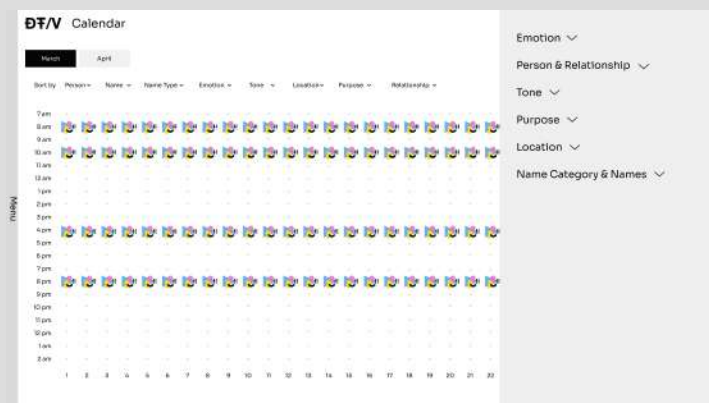
Blurb - Introduce the goal of the data visualization. Click Explore to the Decoder page



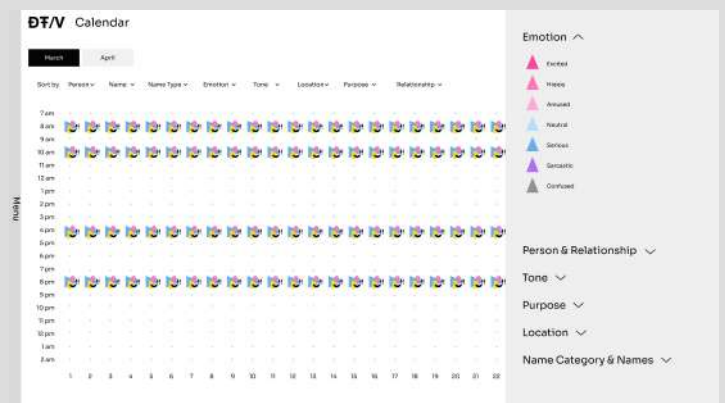
Decoder - Introduce the legend of this data visualization, click upper left icon to go to calendar view



Calendar - Visualize overall information, reveal the relationship between different categories and time.



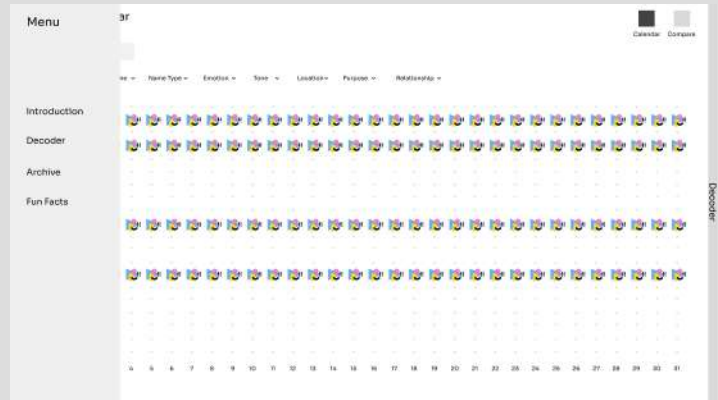
Calendar/Legend - Right edge of the page is the legend



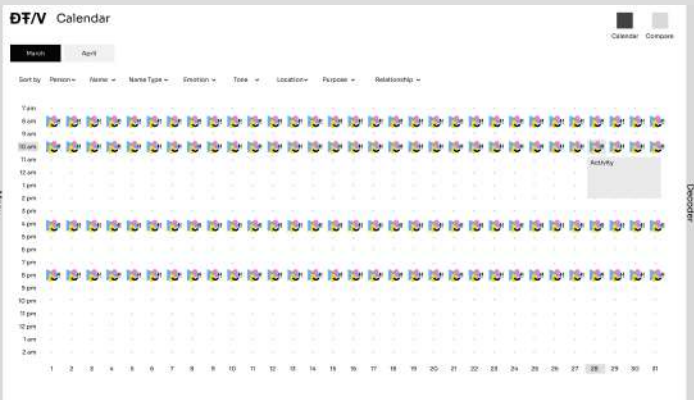
Calendar/Legend/Emotion - Click the arrow icon to open the drop down menu to view the legend



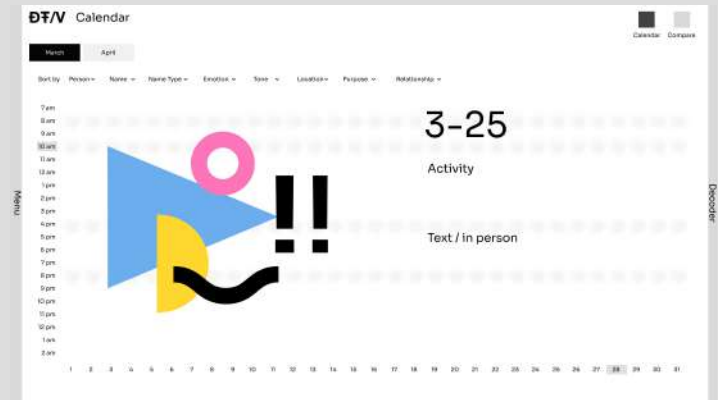
Calendar/Legend/Person - Another example of the legend viewed



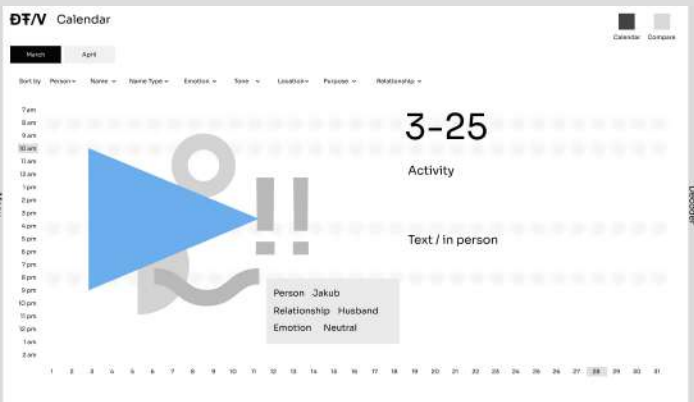
Calendar/Menu - Left edge is menu, slide mouse to open and navigate to different pages



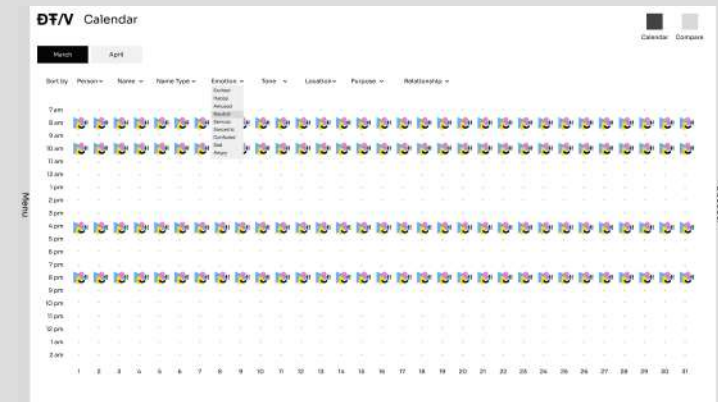
Calendar/Hover - When hover on a specific name, the information of name called in which activity shows up



Calendar/Name Detail - When click on a name, a window pops up and show all the information about the name



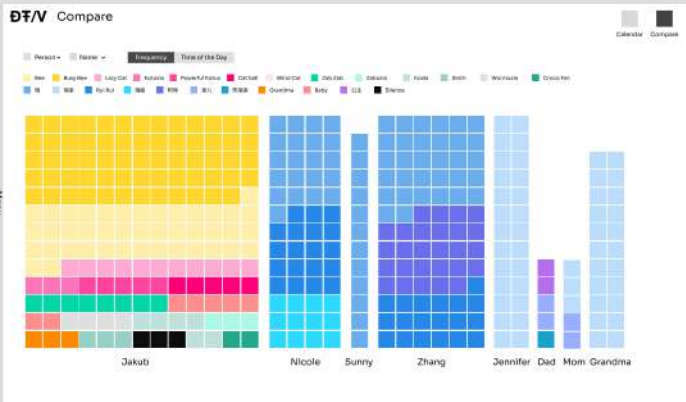
Calendar/Name Detail/Hover - When hovering on a specific element, the rest of the elements grey out, selected element jump up, and show information about it. Click empty space to exit



Calendar/Filter - Calendar page provides filters to allow viewers to sort by certain categories. Click the category and select the items within the drop down menu

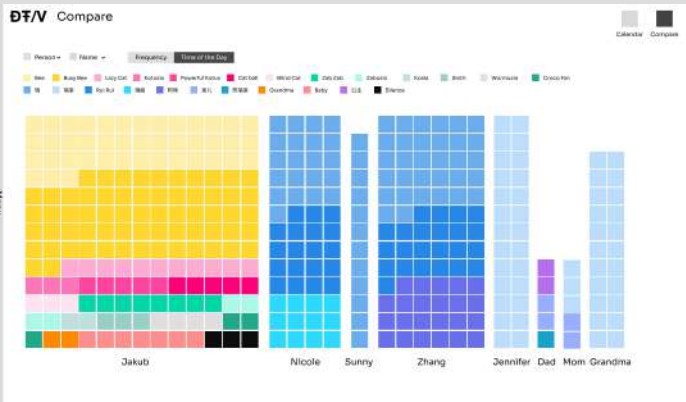


Calendar/Filter - After filtering the information, the other information grey out, showing only the selected information to show focus and trends.



Compare/Name by Person/Frequency - Click the Compare button on the upper right corner to navigate to the compare page. This page is to show connection of two categories. Underneath the title on the upper left are two drop down menus users can choose two categories to compare. On the right is a toggle to choose to sort the information with frequency or time of the day. Beneath them is the legend. Beneath the legend is the sorted information.

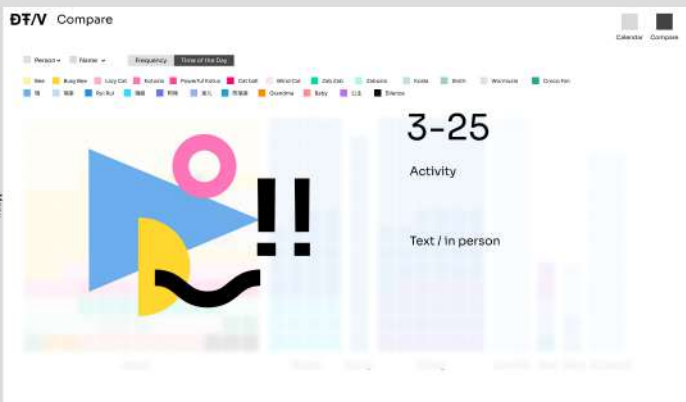
Take the Name by Person for example, each big block is the names I was called by a person. The small blocks within it are names. Different color stands for different names. This way, it gives a clear information of who call me by what, who call me the most, frequency of the names I was called by a certain person.



Compare/Name by Person/Time of the Day - Click Time of the Day in toggle, then the name changes to sort by time of the day I was called.



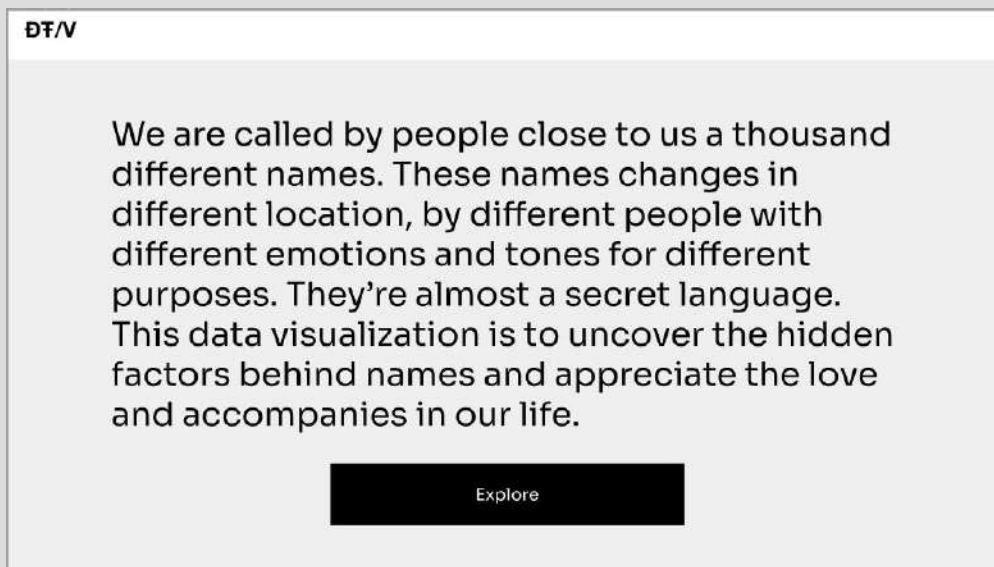
Compare/Name by Person/Time of the Day/Hover - Hover on a specific name, the block goes grey and shows the important information it contains about that name.



Compare/Name by Person/Time of the Day/Detail - Click on the name, a pop up window shows the details of the name.

USABILITY TEST 1

This usability test is done with 5 participants.



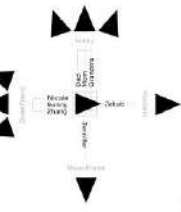
Test Feedback: Blurb can be played in a "decoding" way. Give it more fun connection.

DT/V Decoder

Emotion

- Excited
- Happy
- Amused
- Neutral
- Serious
- Sarcastic
- Confused
- Sick
- Angry

Person & Relationship



Tone

- Very soft
- Kindly soft
- Neutral
- Kindly harsh
- Very harsh

Purpose

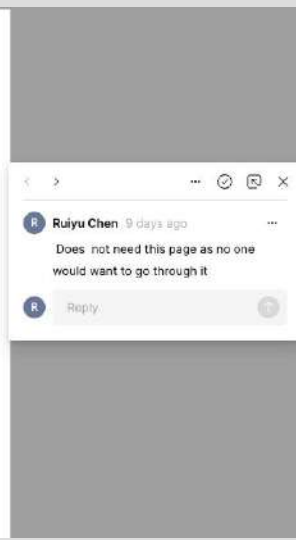
- Mention
- Ask for something
- Greeting
- Just for attention
- Comment
- Apology
- Compliment

Location

- Home
- School
- Gym

Name Category & Names

Animal - cat related	Animal - bear related	Other Animals	Human occupations	Others
<ul style="list-style-type: none"> Lazy Cat Embury (Pinky Cat) Power-L Kitten Cat Ball Blind Cat 	<ul style="list-style-type: none"> Boo Boo Boo 	<ul style="list-style-type: none"> Goats Moose (Lulu Moose) Sheep Goose Fish 	<ul style="list-style-type: none"> Teacher (Mr. Li) Teacher (Ms. Li) Teacher (Mrs. Li) Teacher (Miss Li) Teacher (Ms. Li) Teacher (Mrs. Li) 	<ul style="list-style-type: none"> Grandma Grandma (Pinky) Baby Dance



Menu

- Introduction
- Decoder
- Archive
- Fun Facts

DT/V Decoder

Calendar Compare

Sort by: Name Type, Emotion, Tone, Location, Purpose, Relationship

Introduction

Decoder

Archive

Fun Facts

4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

DT/V Calendar

March April

Sort by: Person, Name, Name Type, Emotion, Tone, Location, Purpose, Relationship

7 am

8 am

9 am

10 am

11 am

12 am

1 pm

2 pm

3 pm

4 pm

5 pm

6 pm

7 pm

8 pm

9 pm

10 pm

11 pm

12 pm

1 am

2 am

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

Emotion

Person & Relationship

Tone

Purpose

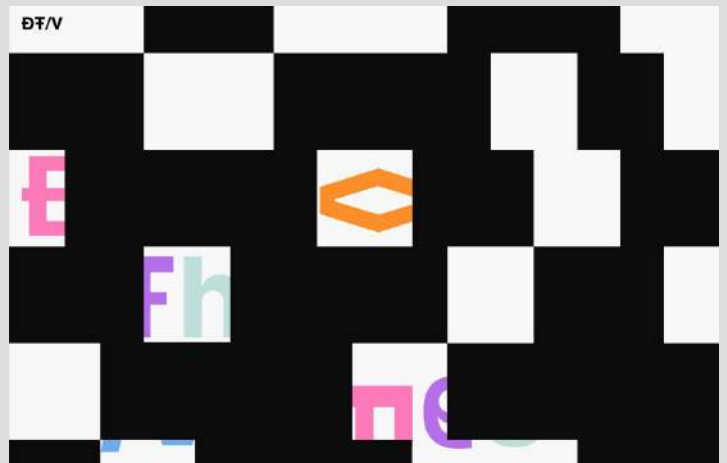
Location

Name Category & Names

FLOW 2



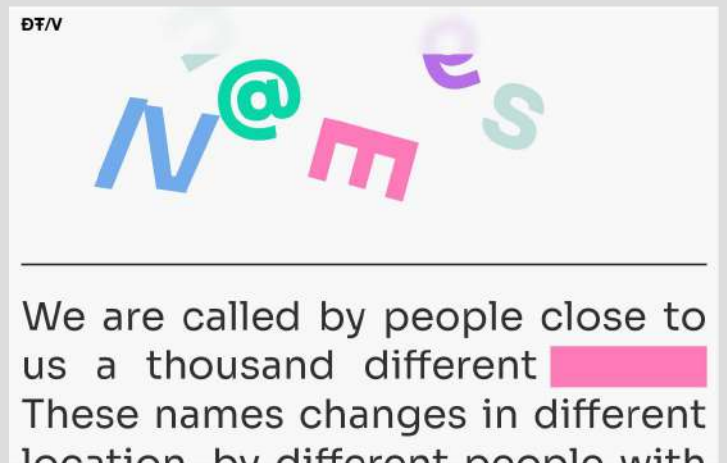
Intro - Start with black



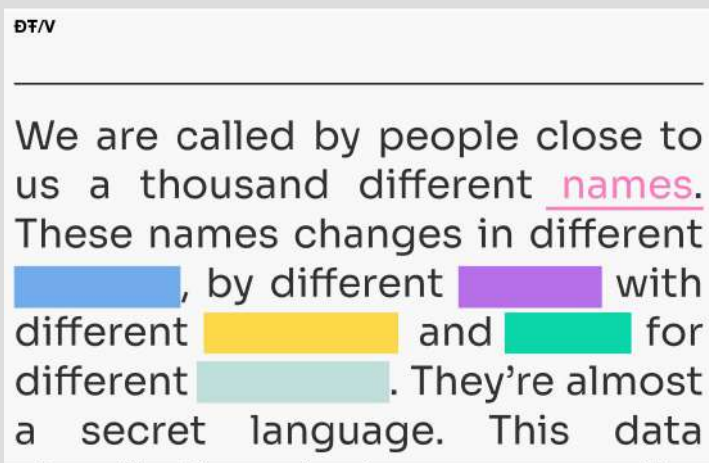
Title - the black blocks slowly disappear, showing the title beneath it to give a feeling of decoding



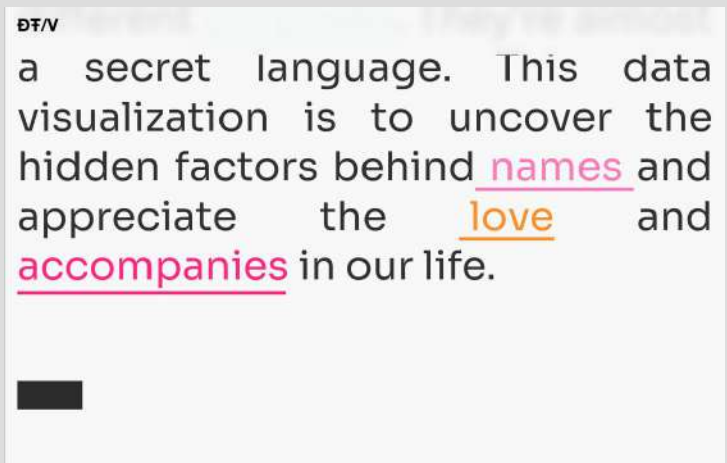
Title - Title of this piece, glyphs are colorful to be fun. Right corner indicates to scroll down



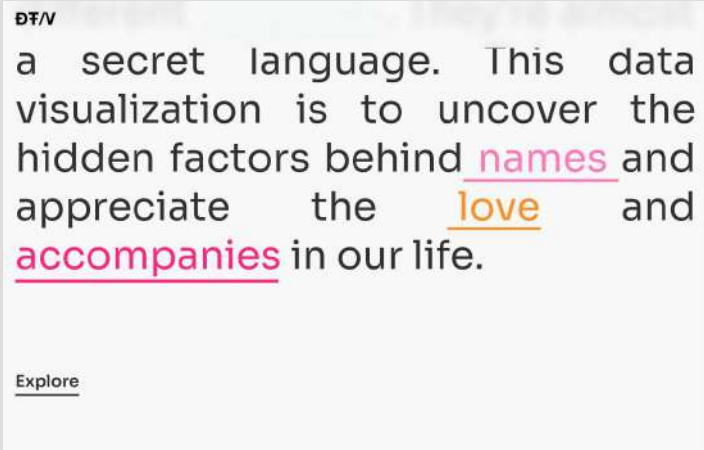
Blurb - When scrolling down, the title goes up, and shows the blurbs. Important words are covered by colored blocks.



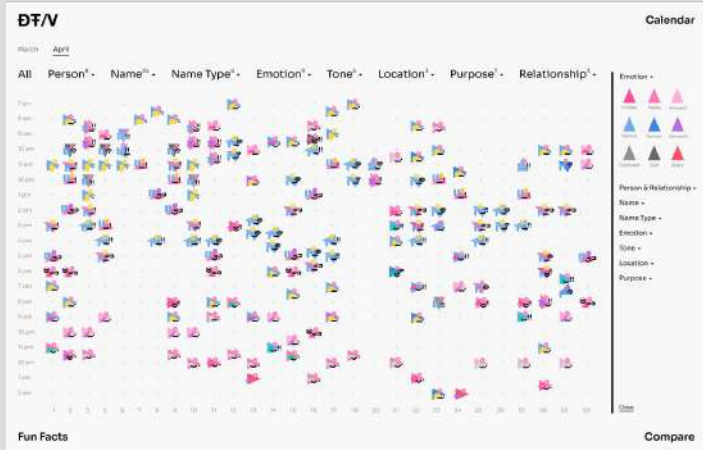
Blurb - Hover on the color block to unveil the word underneath



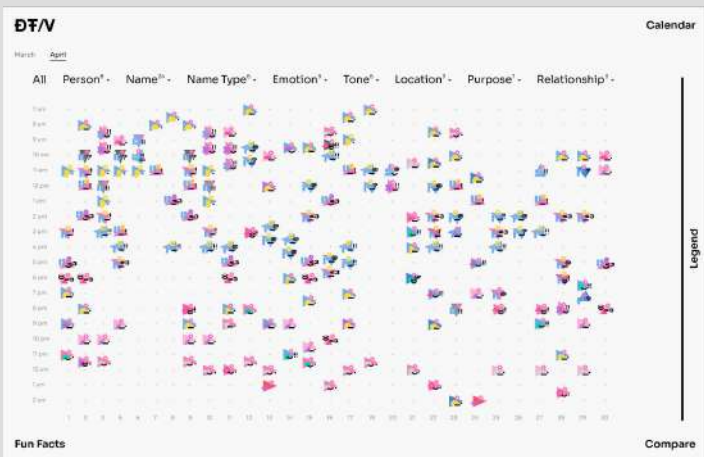
Blurb - At the bottom of the blurb, shows a black block



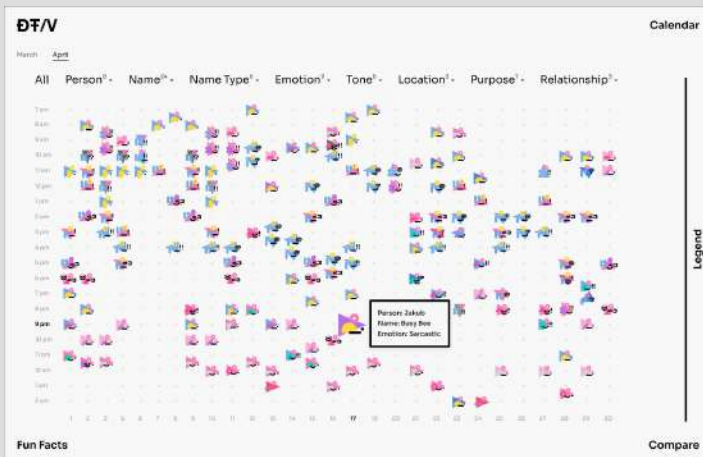
Blurb - Hover on the black block to find Explore button, click to calendar page



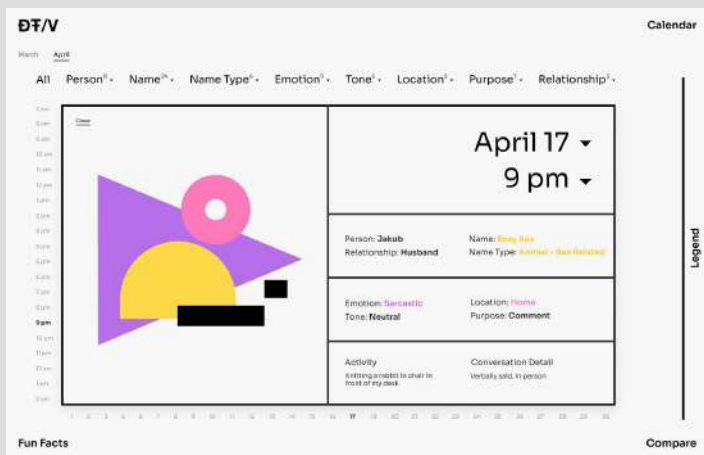
Calendar - Calendar page has a toggle under the title on the top left corner, use it to switch between two months of data collection. On the right is the legend, click close on the bottom left to close



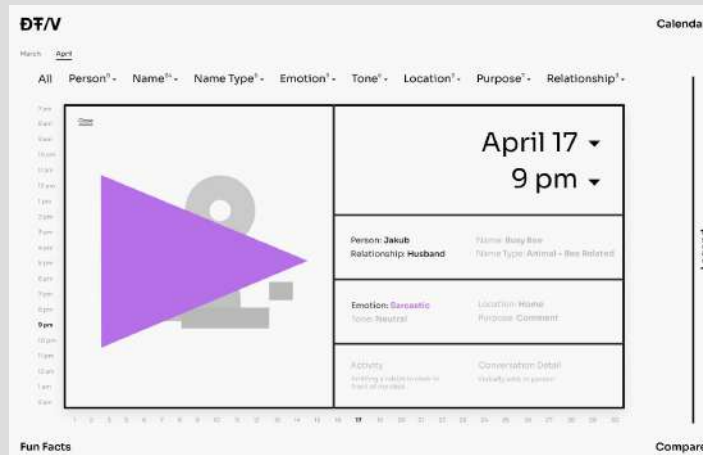
Calendar - After closing the Legend, the legend goes back and left a button to click to reopen the legend on the right



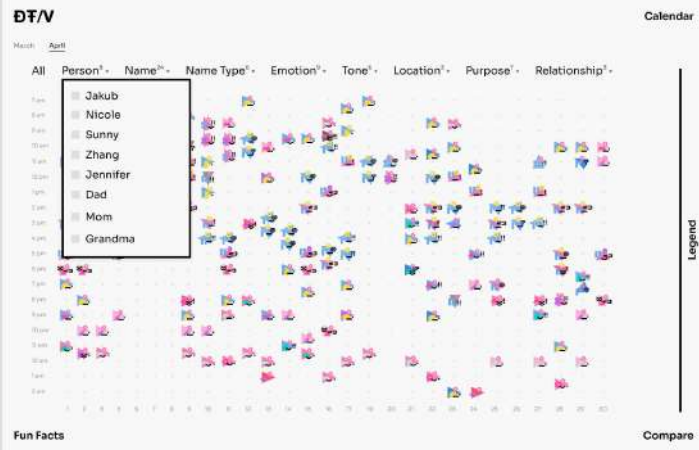
Calendar/Hover - When hover on a specific name, the name enlarges and shows the person, name and emotion.



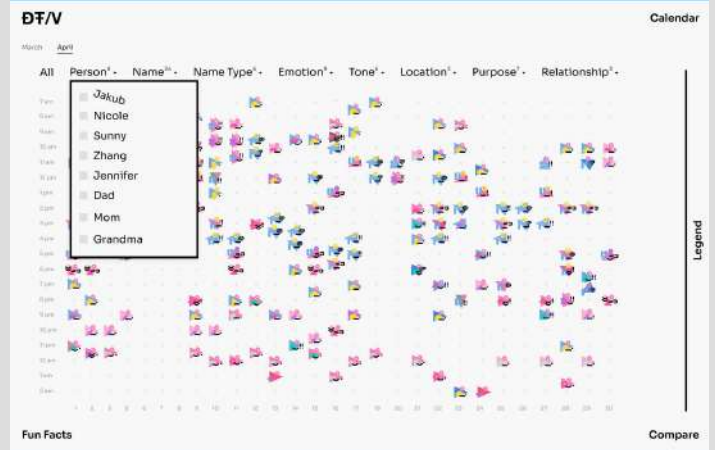
Calendar/Name Detail - Click on the select name from calendar, window pops up to show the details about the name. On the top right, users can select date and time to view another name.



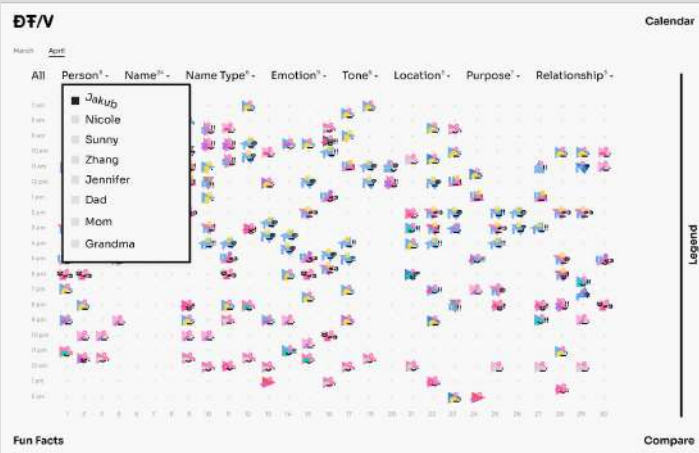
Calendar/Name Detail - Hover on one of the elements on the left, other elements grey out, while on the right, the information about this element is high lighted, vice versa.



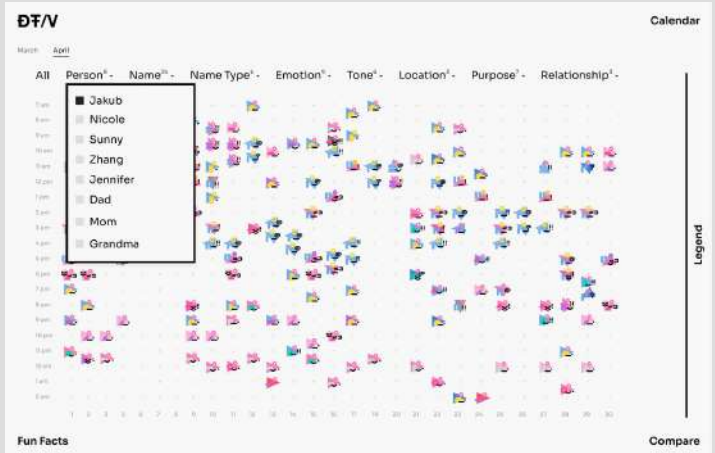
Calendar/Filter - Click on the category to open a drop down menu to select the persons they want to choose. This provides focus for each individual elements in each category. Also provides multi selections function to compare and see connection.



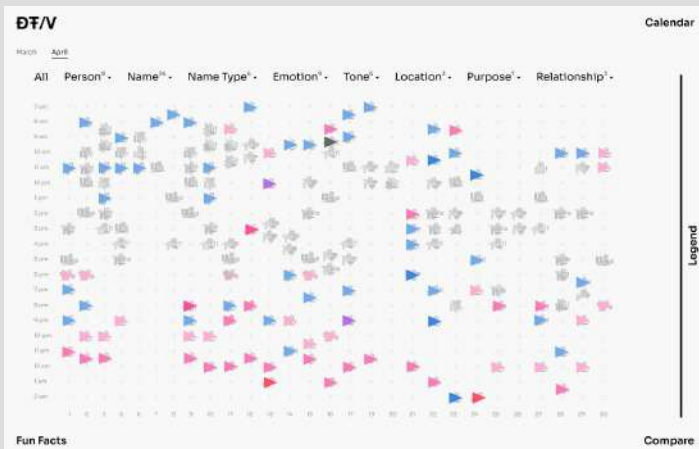
Calendar/Filter/Hover - When hovering on each item, the item would tilt 15 degrees.



Calendar/Filter/Select - When click, the box on the left would turn black.



Calendar/Select - After selecting this item, and move mouse away, the item returns to its position.



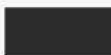
Calendar/Filtered - Click on the blank area to get rid of drop down menu. And see the filtered result.

USABILITY TEST 2

This usability test is done with 3 participants.

DF/V

a secret language. This data visualization is to uncover the hidden factors behind names and appreciate the love and accompanies in our life.




If the words can not be clicked, then remove the underline.

DF/V Calendar

March April

All Person⁸ - Name²⁴ - Name Type⁹ - Emotion⁹ - Tone⁶ - Location³ - Purpose⁷ - Relationship⁵ -



7 am
8 am
9 am
10 am
11 am
12 pm
1 pm
2 pm
3 pm
4 pm
5 pm
6 pm
7 pm
8 pm
9 pm
10 pm
11 pm
12 am
1 am
2 am

1 2 3 5 6 7 8 9 10 11 12 13 14 15 16 17 19 20 21 22 23 24 25 26 27 28 29 30

Person: Jakub
Name: Bee
Emotion: Sarcastic

Ruliyu Chen 3 days ago
Type variation, align right

Reply

Legend

Fun Facts Compare

DT/V Calendar

March April

All Person⁸ · Name²⁴ · Name Type⁵ · Emotion⁹ · Tone⁵ · Location³ · Purpose⁷ · Relationship³ ·

April 17 ▾	
9 pm ▾	
Person: Jakub Relationship: Husband	Name: Busy Bee Name Type: Animal - Bee Related
Emotion: Sarcastic Tone: Neutral	Location: Home Purpose: Comment
Activity Knitting a rabbit in chair in front of my desk	Conversation Detail Verbally said, in person

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 **17** 19 20 21 22 23 24 25 26 27 28 29 30

Fun Facts Compare

Ruiyu Chen 3 days ago

Change block color

Reply

Ruiyu Chen 3 days ago
Should be called out

DT/V Calendar

March April

All Person⁸ · Name²⁴ · Name Type⁵ · Emotion⁹ · Tone⁵ · Location³ · Purpose⁷ · Relationship³ ·

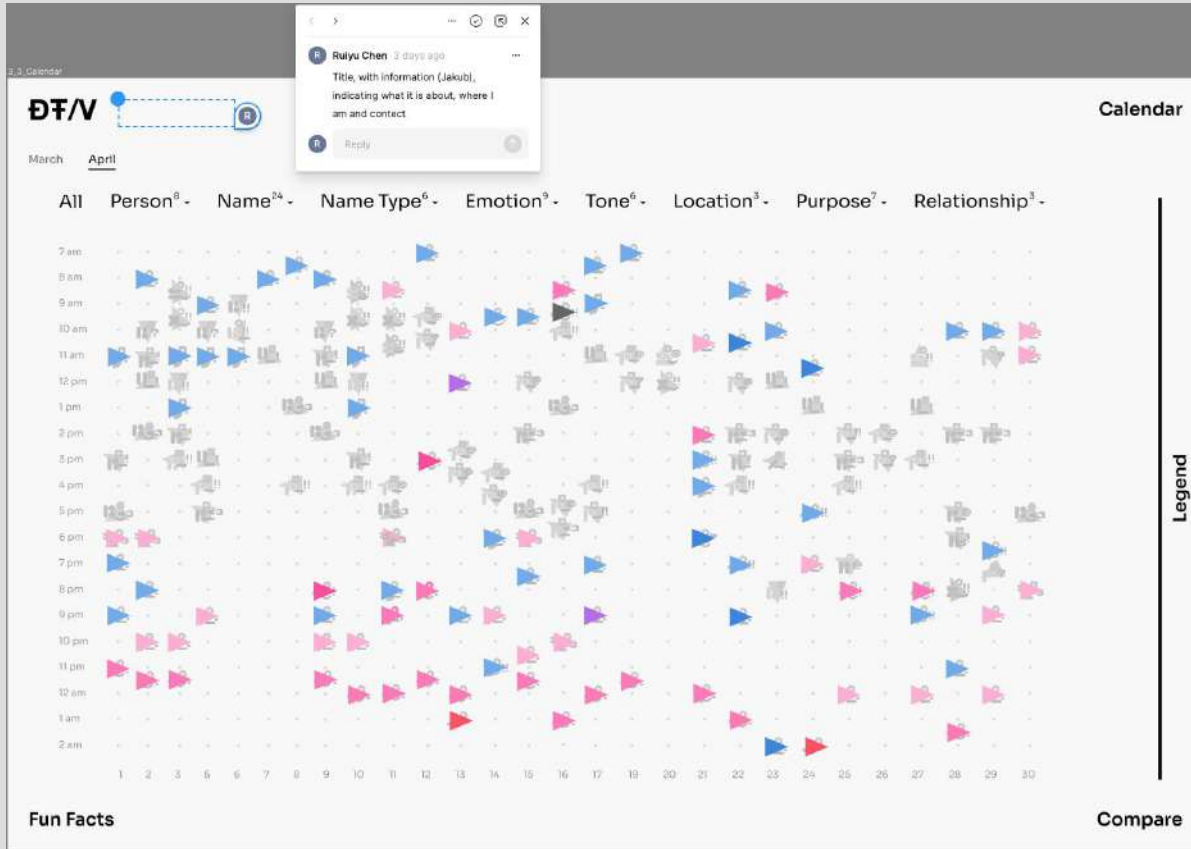
April 17 ▾	
9 pm ▾	
Person: Jakub Relationship: Husband	Name: Busy Bee Name Type: Animal - Bee Related
Emotion: Sarcastic Tone: Neutral	Location: Home Purpose: Comment
Activity Knitting a rabbit in chair in front of my desk	Conversation Detail Verbally said, in person

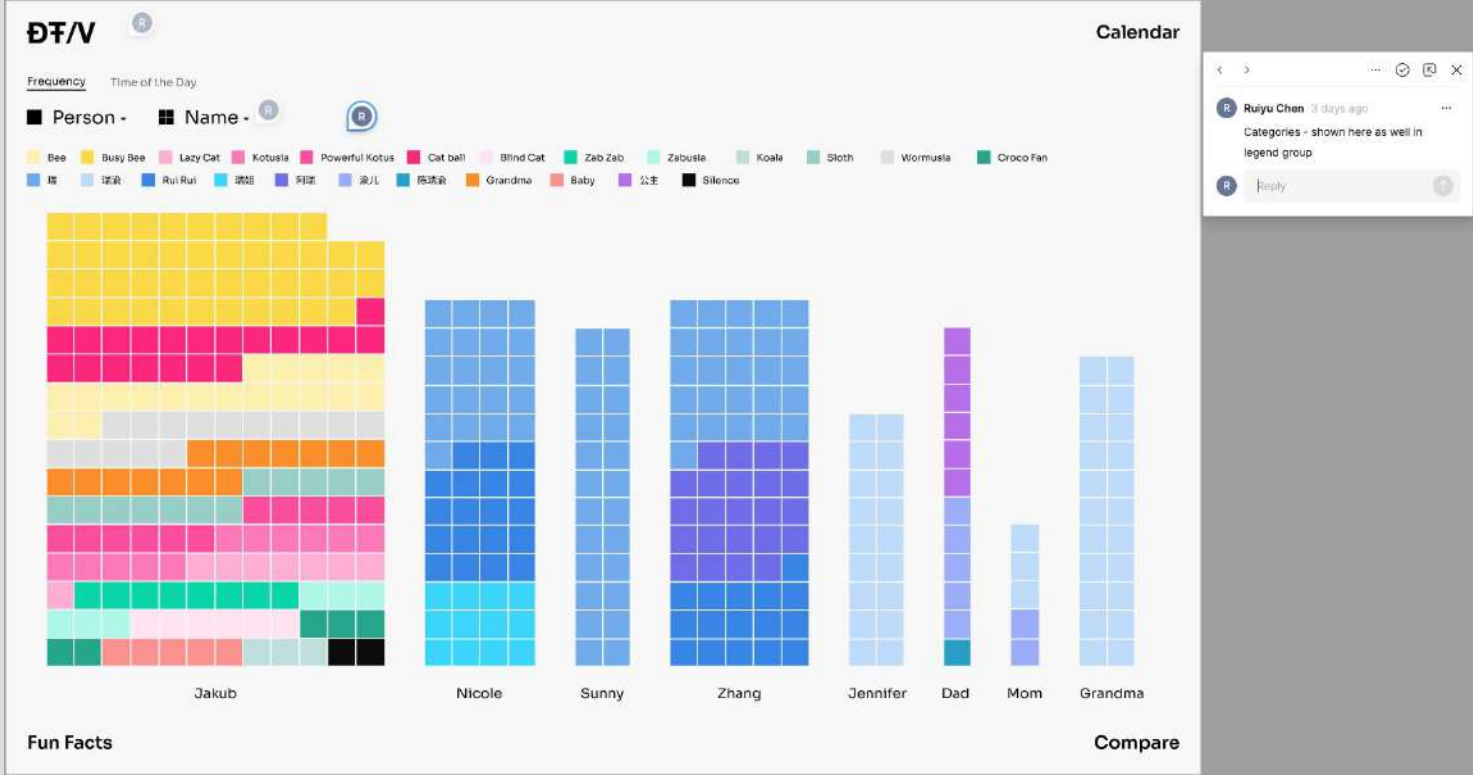
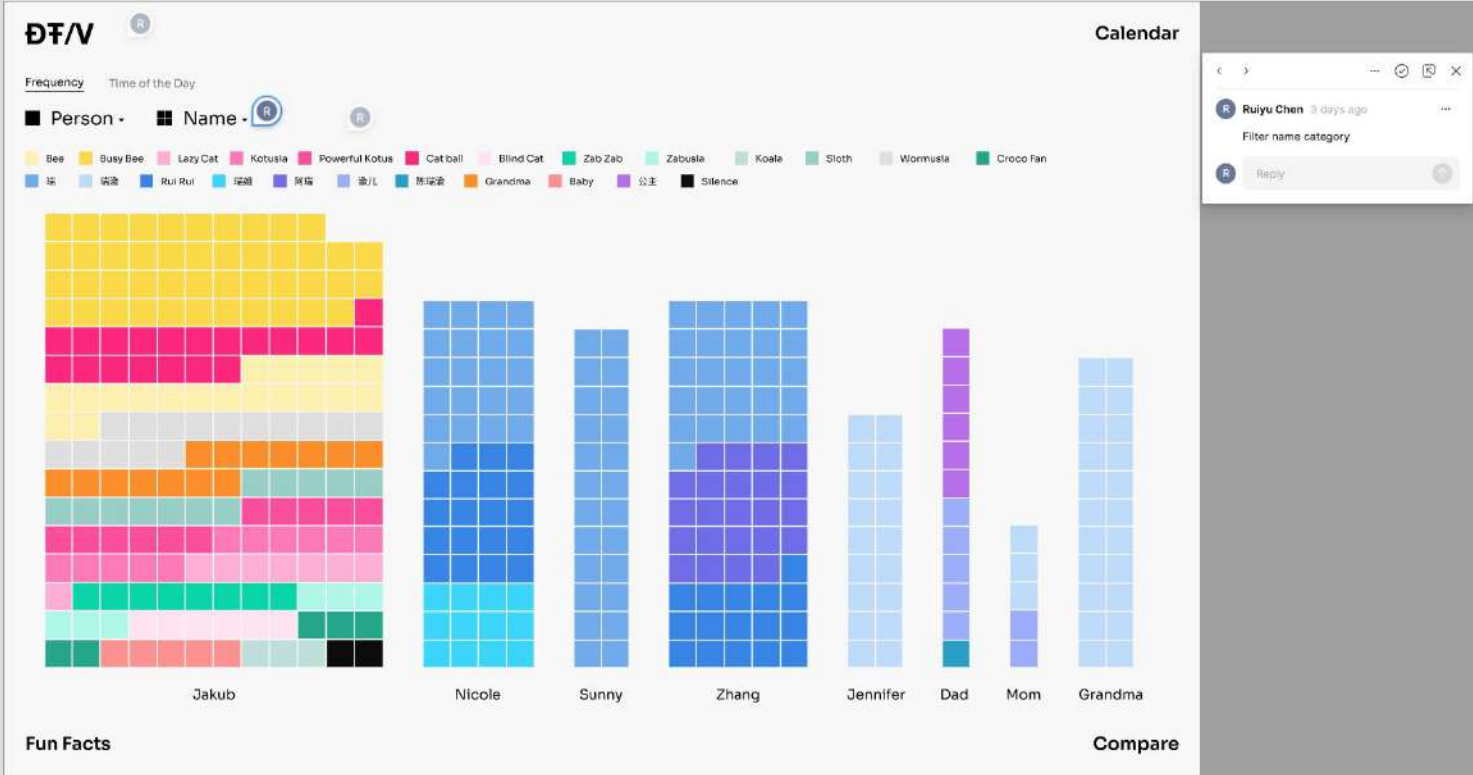
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 **17** 19 20 21 22 23 24 25 26 27 28 29 30

Fun Facts Compare

Legend

*did another round test on the black background, does not fit the branding. So I changed back to white background, but changed the yellow color on type to be mor legible





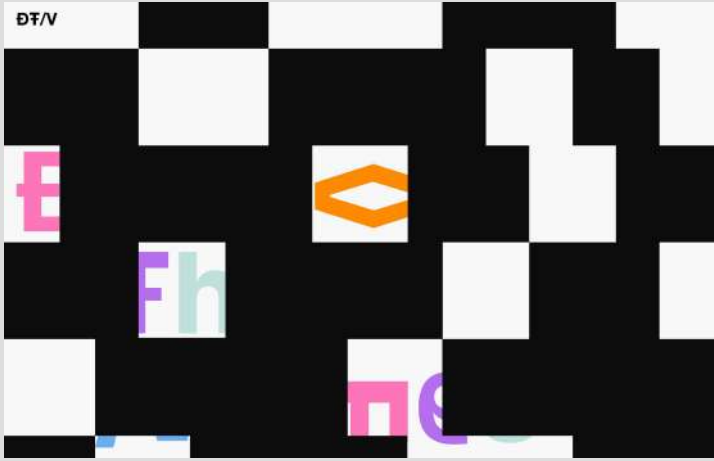
This piece will be on New York Times and on my personal website. Better viewed by MacBook Pro 16”.

Media

Final Flow



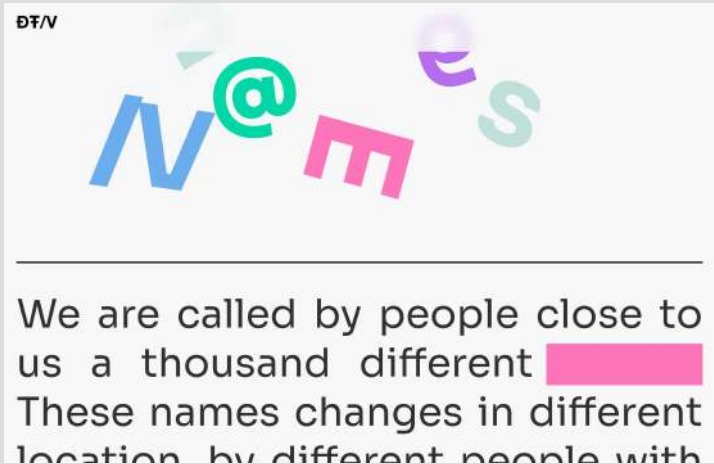
Intro - Start with black



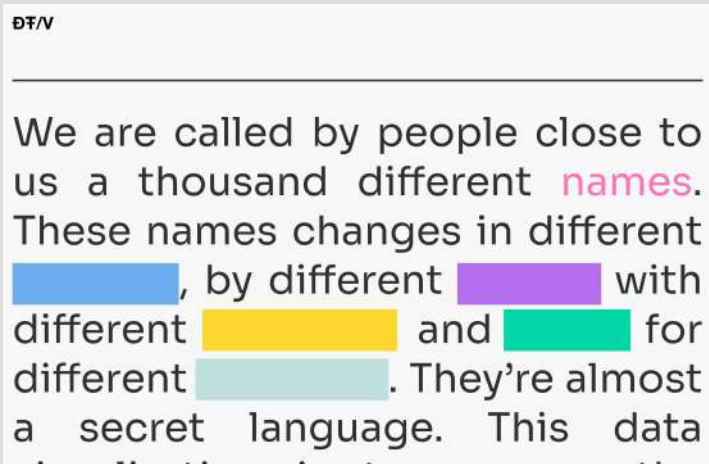
Title - the black blocks slowly disappear, showing the title beneath it to give a feeling of decoding



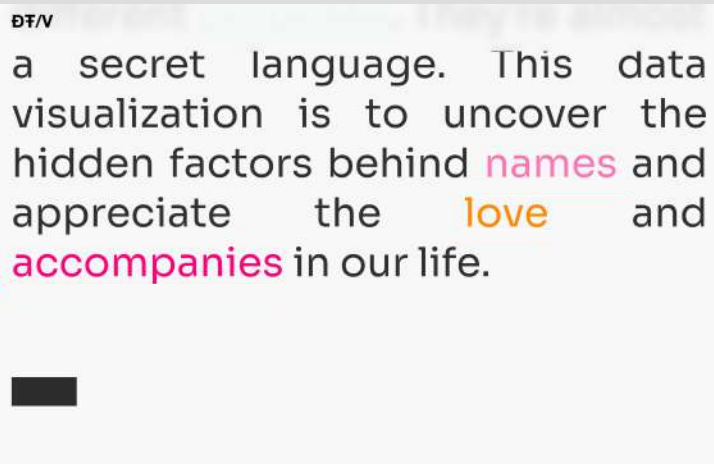
Title - Title of this piece, glyphs are colorful to be fun. Right corner indicates to scroll down



Blurb - When scrolling down, the title goes up, and shows the blurbs. Important words are covered by colored blocks.



Blurb - Hover on the color block to unveil the word underneath



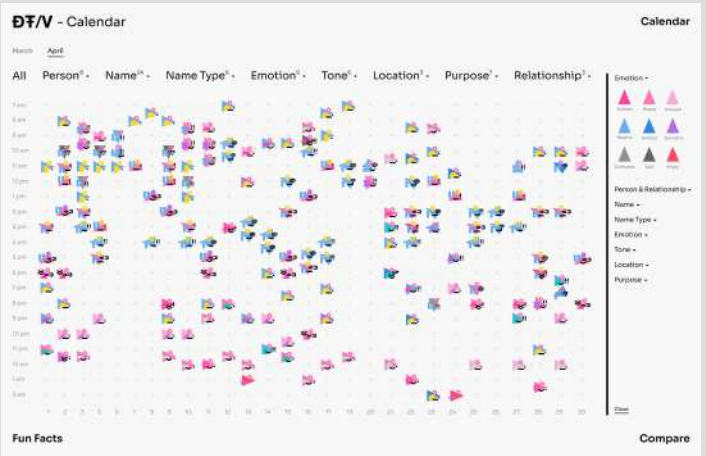
Blurb - At the bottom of the blurb, shows a black block

DT/V

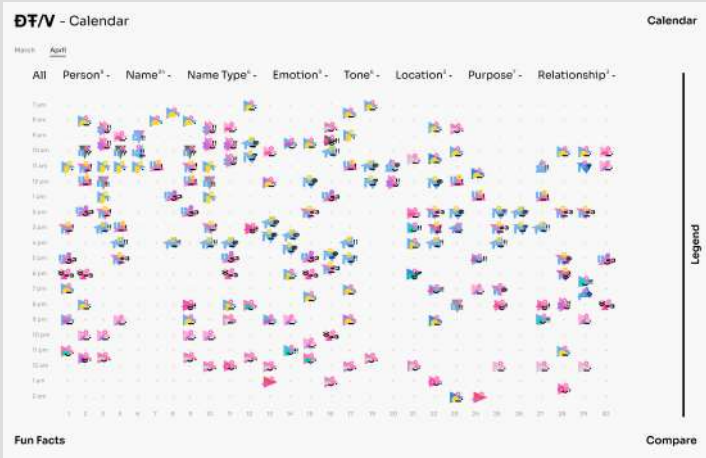
a secret language. This data visualization is to uncover the hidden factors behind names and appreciate the love and accompanies in our life.

Explore

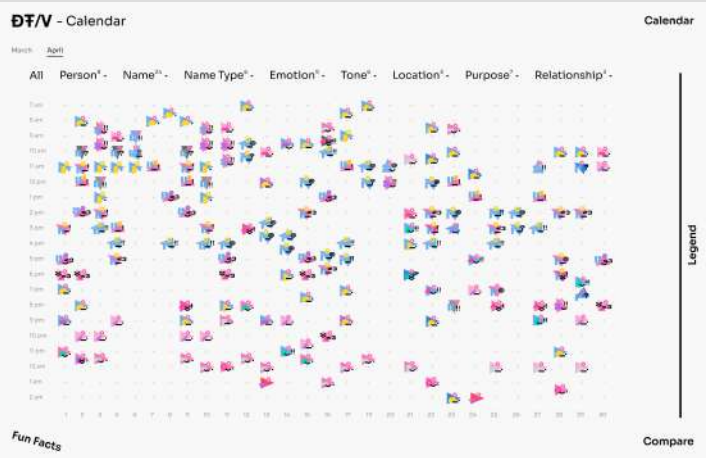
Blurb - Hover on the black block to find Explore button, click to calendar page



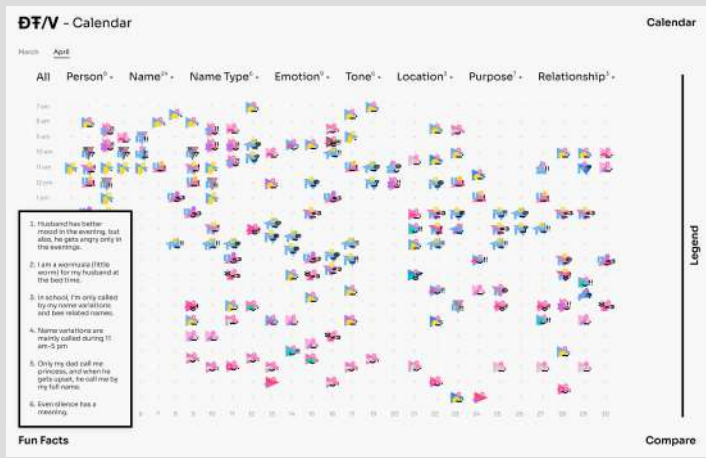
Calendar - Calendar page has a toggle under the title on the top left corner, use it to switch between two months of data collection. On the right is the legend, click close on the bottom left to close



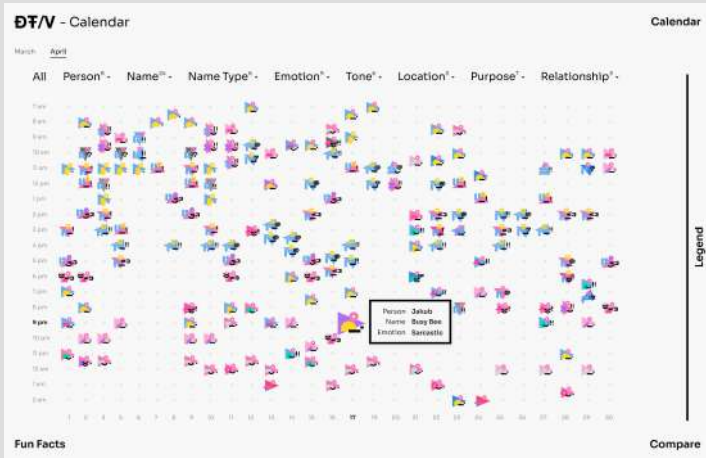
Calendar - After closing the Legend, the legend goes back and left a button to click to reopen the legend on the right



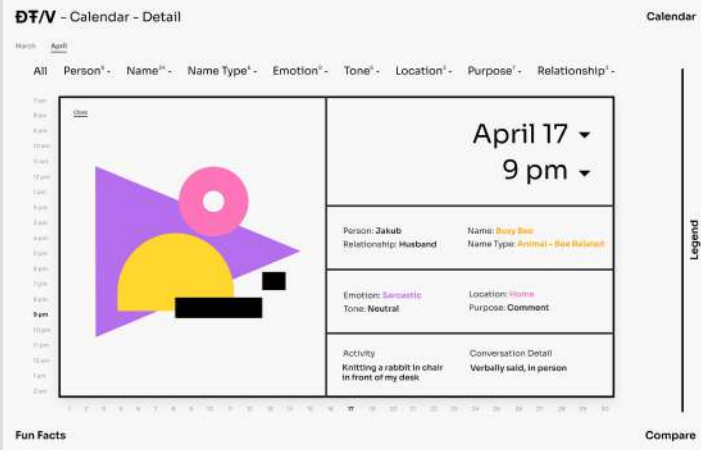
Calendar/Fun Facts/Hover - when hover on Fun Facts button on the bottom left corner, the button tilts



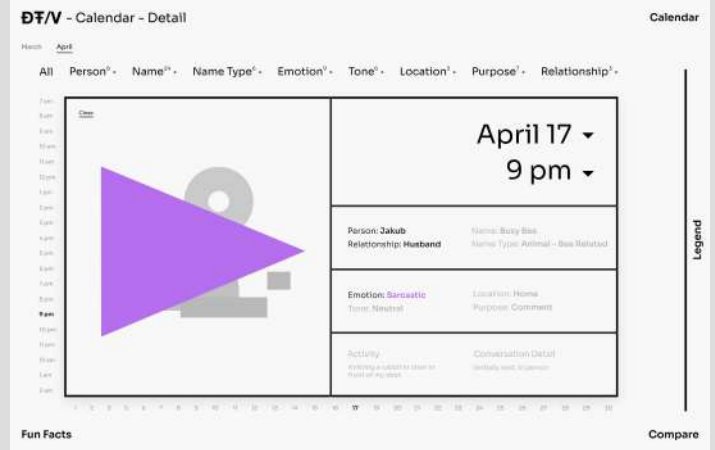
Calendar/Fun Facts/Click - Click on the button to show the fun facts related to time, click the blank area to hide.



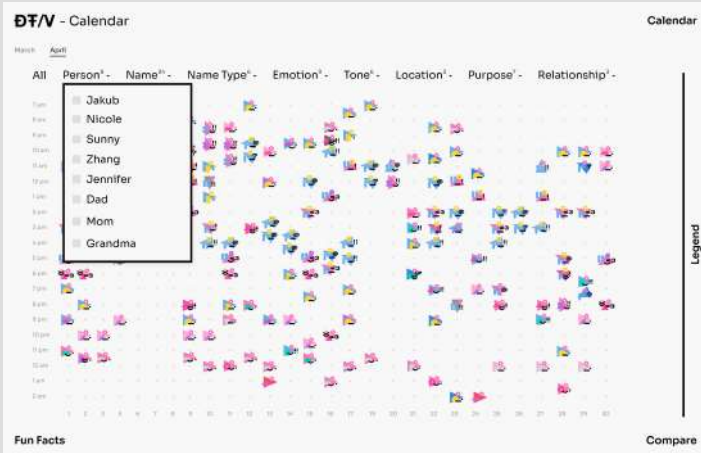
Calendar/Hover - When hover on a specific name, the name enlarges and shows the person, name and emotion, the date and time associated with the name turns black and bold to help viewers see them easily.



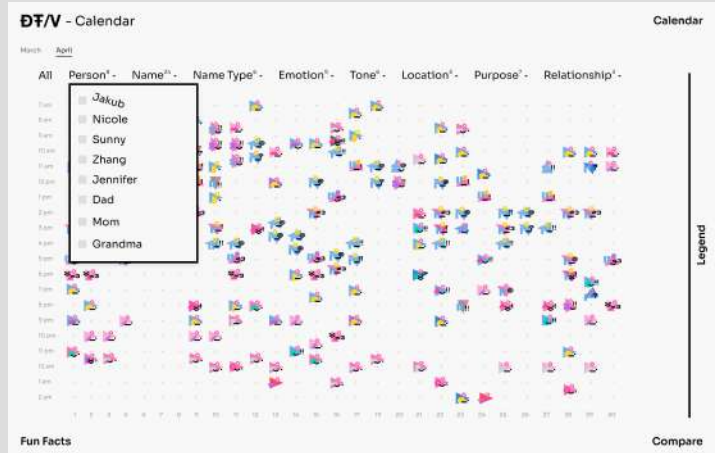
Calendar/Name Detail - Click on the select name from calendar, window pops up to show the details about the name. On the top right, users can select date and time to view another name.



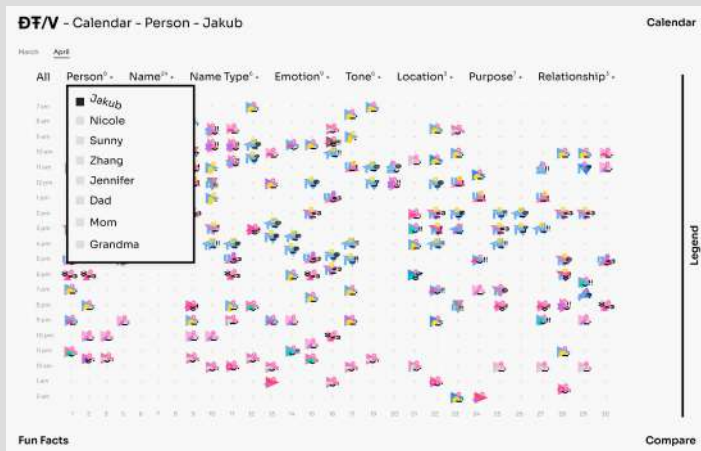
Calendar/Name Detail - Hover on one of the elements on the left, other elements grey out, while on the right, the information about this element is highlighted, vice versa.



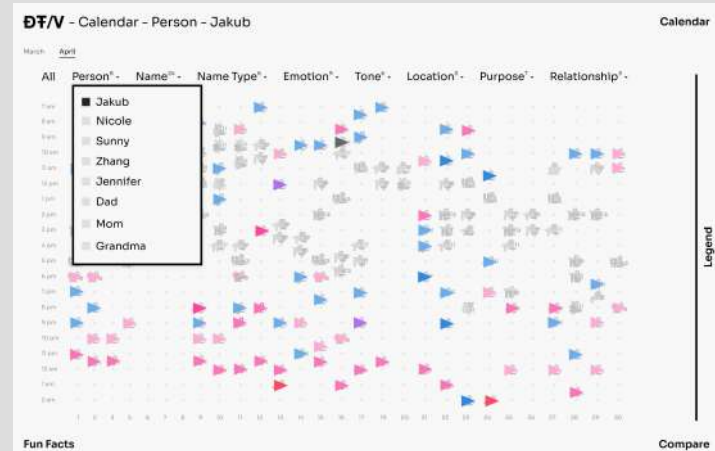
Calendar/Filter - Click on the category to open a drop down menu to select the persons they want to choose. This provides focus for each individual elements in each category. Also provides multi selections function to compare and see connection.



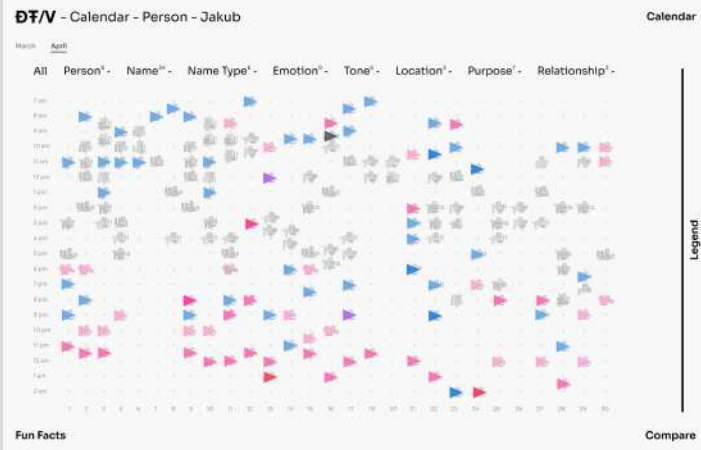
Calendar/Filter/Hover - When hovering on each item, the item would tilt 15 degrees.



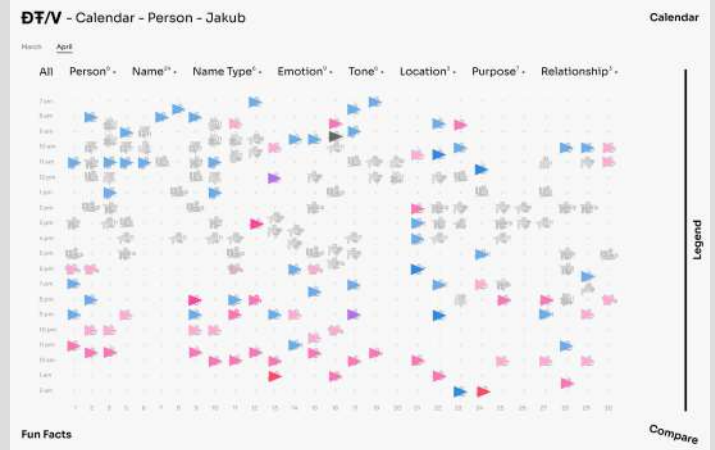
Calendar/Filter/Select - When click, the box on the left would turn black, and breadcrumb on the top left changes to indicate the filtering factor.



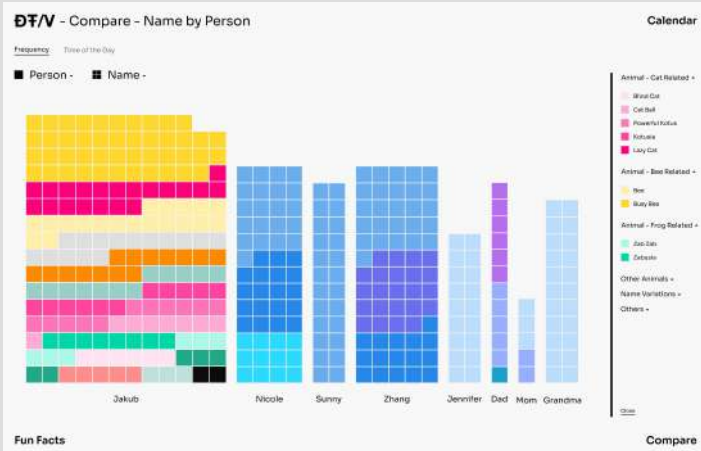
Calendar/Select - After selecting this item, and move mouse away, the item returns to its position.



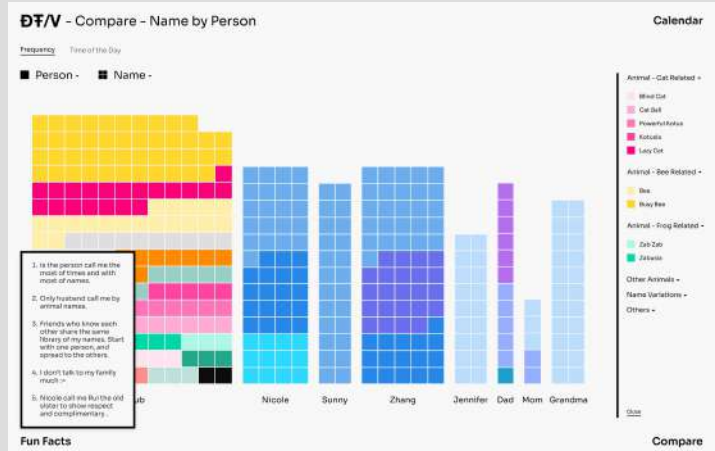
Calendar/Filtered - Click on the blank area to get rid of drop down menu. And see the filtered result.



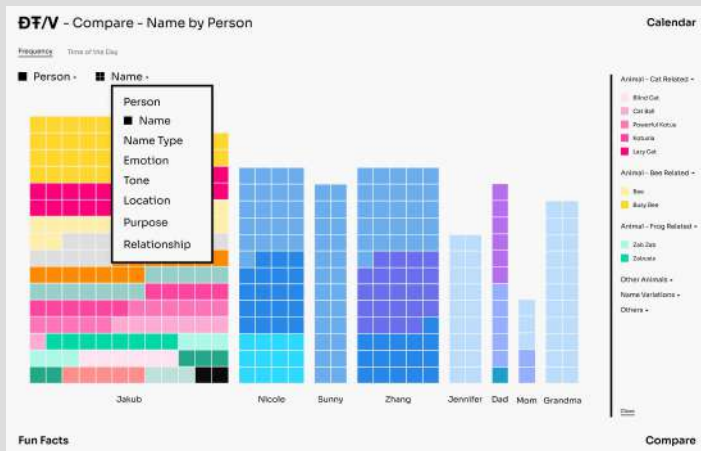
Calendar/Compare/Hover - Hover on the bottom right button Compare, and the button tilts - indicate a click is available



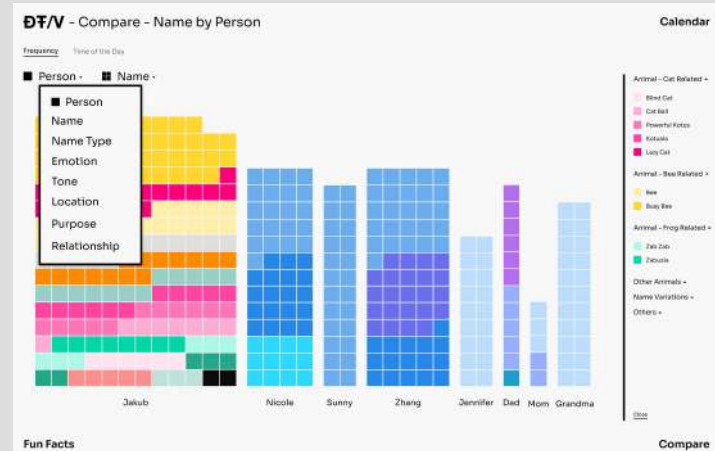
Compare/Name by Person/Frequency - This page is to show connection of two categories. Underneath the title on the upper left are two drop down menus users can choose two categories to compare. Above is a toggle to choose to sort the information with frequency or time of the day.



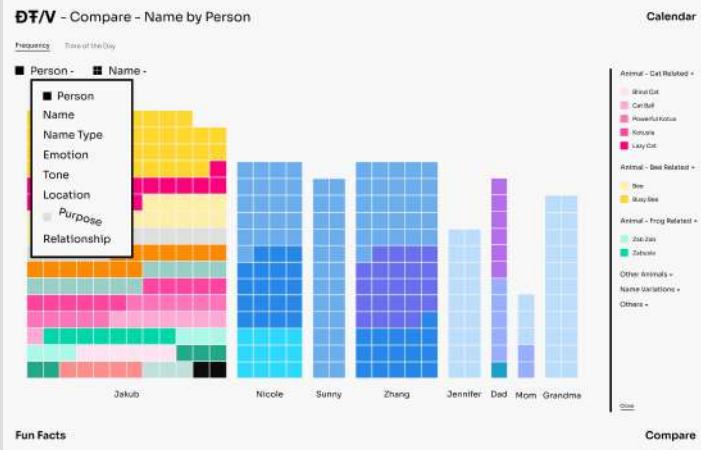
Compare/Name by Person/Frequency/Fun Facts - Click on the button Fun Facts to show fun facts related to name by person.



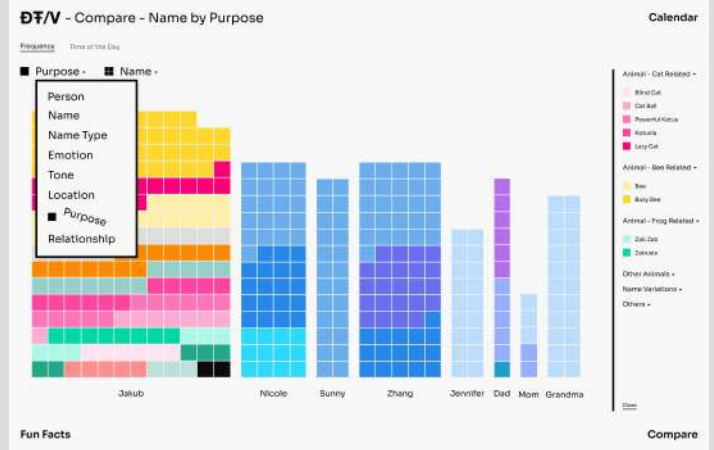
Compare/Name by Person/Frequency/Filter - Click on the filter to select category from drop down menu.



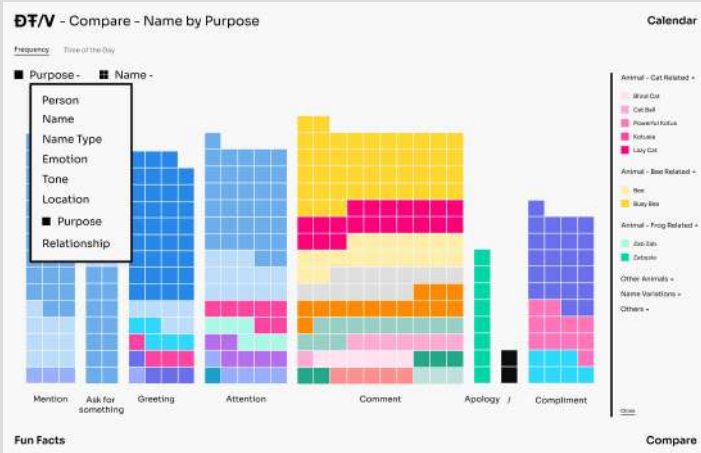
Compare/Name by Person/Frequency/Filter - Choose another filter to select category.



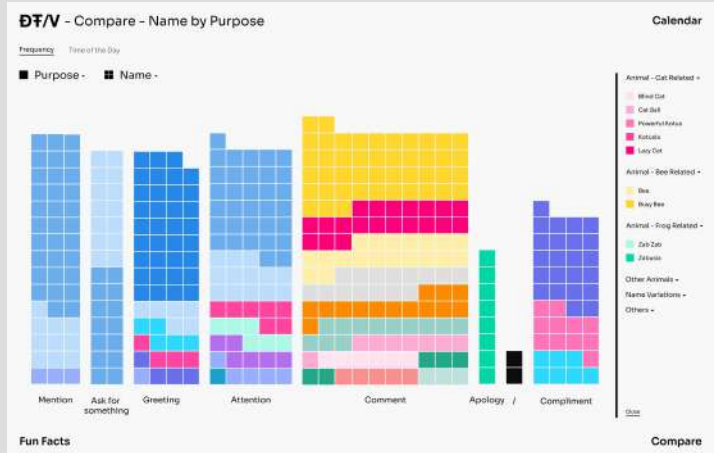
Compare/Name by Person/Frequency/Filter/Hover - Hover on a category, the item tilts, and show grey box in front of it to indicate the hover status.



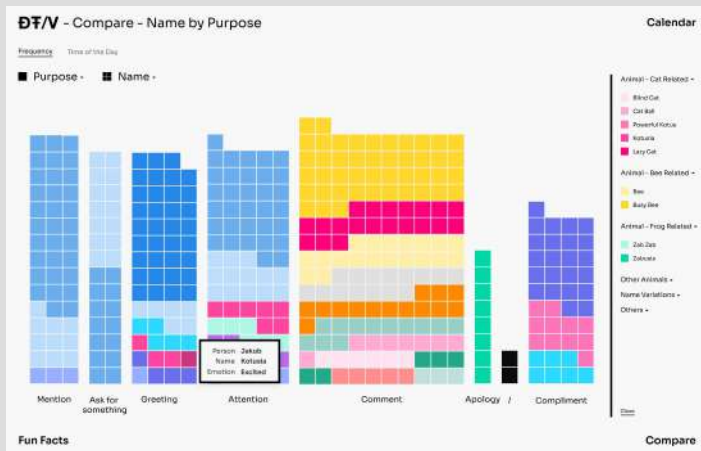
Compare/Name by Purpose/Frequency/Filter/Hover/Selected - Click to select the item, the grey box turns black, while the original black box in front of "People" disappears. The breadcrumb menu now changes to "purpose", and the breadcrumb changes.



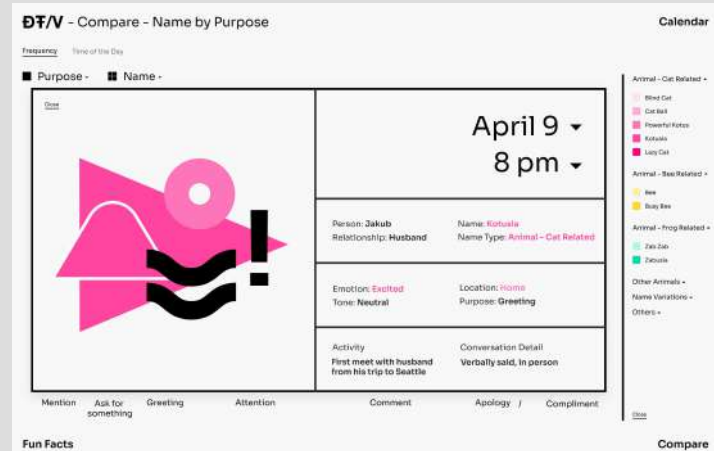
Compare/Name by Purpose/Frequency/Filter/Selected - move mouse away, and the item turns back to the original angle.



Compare/Name by Purpose/Frequency/Filtered - Click on blank to hide the menu and see the compare result.



Compare/Name by Purpose/Frequency/Hover - When hover on a specific name, the name darkens and shows the person, name and emotion.



Compare/Name Detail - Click on the select name from calendar, window pops up to show the details about the name. On the top right, users can select date and time to view another name.

DT/V - Compare - Name by Purpose Calendar

Frequency Time of the Day

Purpose - **Name -**

April 9 ▾
8 pm ▾

Person Details Relationship: Husband	Name: Kotusla Name Type: Animal - Cat Related
Emotion: Excited Tone: Neutral	Location: Home Purpose: Greeting
Activity First meet with husband from his trip to Seattle	Conversation Detail Verbally said, in person

Animal - Cat Related

- Blue Cat
- Catfish
- Flower/Kotow
- Kotare
- Lay Cat

Animal - Bee Related

- Bee
- Buzzy Bee

Animal - Frog Related

- Zia Zia
- Zibee

Other Animals

Name Variations

Others

Mention
Ask for something
Greeting
Attention
Comment
Apology /
Compliment

Fun Facts **Compare**

Compare/Name Detail - Hover on one of the elements on the left, other elements grey out, while on the right, the information about this element is high lighted, vice versa.