Testing Strategy

COLOR GUIDE
- 🟩 it works
- 🟥 it doesn't work

Fashion Pieces

		understanding		creativity check						inspirations: person, figure, geometric shape, painting, carton	
		fashion piece check	introducing the concept	fashion piece concepts						inspiration	
			one concept check	one concept				multiple concepts		inspiration(s) on a fashion piece	inspiration(s) on our introduced fashion piece concept
first class	second class			one concept shift within the same	one concept shift across the first class	on a fashion piece	on our introduced fashion piece concept	on a fashion piece	on our introduced fashion piece concept		
top	shirt, t-shirt, jacket, bikini	works very well for every specific fashion pieces, the model knows exactly what these words refer to	works very well for every specific fashion pieces, the model understands each concept we introduced	works very well, the model transfer the color and texture to new piece	works well, the model understands color, but sometimes generates random general fashion piece	works well, the model understands all fashion elements, but sometimes generates fashion piece not as required. It sometimes makes mistakes on the color, texture or the shape	works well, the model understands color, texture and shape, but sometimes put the color in the background not in the specified fashion piece	works well, the model understands all fashion pieces, but sometimes it makes mistakes on color, or put them in wrong place	works well, the model understands all fashion pieces, but sometimes it makes mistakes on color, or put them in wrong place	works very well, the model understands the concept we introduced and generate image as directed properly	works very well, the model understands inspiration and fashion piece we introduced
bottom	trousers, jeans, shorts, skirt									works well, the model understands the concept we introduced, but sometimes forgets to generate fashion piece	works, the model can understand the shape and pattern, but sometimes doesn't understand the design
shoes	sneakers, high heels boots			🟥 the model forgets target fashion piece, always very similar to the introduced concept	🟥 the model always created boots and jacket seperately		🟥 the model doesn't transform the correct color but keeps the shape the same			works very well, the model understands the inspiration we introduced and generate image as directed properly	works, the model understands introduced concepts, but not always generate in a proper way
suit	dress, jumpsuit			works well, the model understands color, texture, shape, but sometimes generates unexpected fashion piece	works well, the model understands color or shape, but sometimes makes mistakes on either fashion piece we specified or the concept we introduced		works very well, the model understands all fashion elements and put them into the right position				works very well, the model all the elements and the inspiration we introduced, and mixtures them in an aesthetic way
accessories	button, scarf, belts, brosche, purse										

Fashion Elements

		understanding	creativity								iterative test	
			take elements from no concept	take elements from one concept			take elements from multiple concepts				deviate from input image	deviate from prompt
		fashion element check	on an introduced fashion piece concept	on a fashion piece	on our introduced fashion piece concept	on our introduced fashion piece concept with specification	same element from multiple concepts		different elements from different concepts			
class	example						on a fashion piece	on our introduced fashion piece concept	on a fashion piece	on our introduced fashion piece concept		
shape	slip, oversize, tunic, balloon	works very well, the model understands every fashion elements	works very well, the model understands every fashion elements and mixtures with the concept we introduced properly	works very well, the model takes the fashion element from the concepts we introduced properly	works very well, the model takes the fashion element from the concepts we introduced properly, and makes modifications as required based on the introduced concepts	works very well, the model takes all the fashion element from the concepts we introduced properly, and makes modifications as required based on the introduced concepts and prompt	works very well, the model take the fashion element from multiple concepts properly	works very well, the model take the fashion element from multiple concepts properly, but sometimes forgets the target fashion piece	works very well, the model take the elements from requied concepts properly	works very well, the model take the elements from required concepts properly	works, the model extends on overall shape of the input image, but varies a lot	works very well, the model modifies the specific element correctly according to the prompt given with creativity
pattern	stripe, animal print, floral						works very well, the model mix colors of multiple concepts properly					
fabric (texture)	leather, velvet, fleece, others						🟥 the model forgets the target fashion piece		works, the model take parts of the elements as required	works well, the model take the elements from required concepts properly, but sometimes sticks too much on original fashion piece		
color	all						🟥 the model can't mix colors but can mix shapes		works very well, the model take the elements from required concepts properly			
space	positive background, negative background											

Questions	Interviewee1	Interviewee2	Interviewee3	Interviewee4	Interviewee5	Interviewee6
What is your occupation?	student	Corporate employees	student	wait for employment	wait for employment	technician
What year were you born?	1999	1995	2001	1999	1998	1999
What is your gender?	female	female	male	female	female	male
What is your highest level of education?	Master	Bachelor	Master	bachelor	bachelor	bachelor
What country are you currently working in?	China	China	China	China	China	China
Which company do you currently work for?	NO	Nanning Rail Transit Group	NO	NO	NO	NO
How long have you been interested in the fashion industry?	10 years	3years	from young	8 years	5 years	6 years
For a fashion lover like you, what do you think is the biggest challenge in designing a new fashion item?	Innovative design inspiration	The unity of applicability and innovative aesthetics	Inspiration and platemaking	Inspiration	draw	Inspiration and dont know the way to show image(tool)
Assuming you are designing a fashion item (shirt, jacket, skirt, etc.), which of the following aspects must you consider when designing that fashion item? Color Shape Embroidery design, prints, patterns...	Shape, fabric, color, length, consumer	color, shape, embroidery design,prints, patterns Length, Fabric, Consumer	color, embroidery design, prints, patterns ,Fabric, Accessories	color,patterns, shape,Fabric, embroidery design	shape,patterns,Accessories	patterns,Garment,colors
Do you use any computer systems to support you when designing fashion?	yes	Have not designed clothing, but have done packaging design, etc., have used the computer	-	maybe yes	yes	never

Question					
If you use computer systems when designing, what are they?	CAD	Some modeling software, such as nomad c4d dn, helps designers better perceive the overall effect of the design	-	CDA	draw APP	-
Image that you're gonna design a clothing you like, please describe in language with the help of our prototype	a shirt in black and white and in new Chinese style, avoiding old man's shirt	a jacket in liquid fabrics, patchwork fabrics with zippers,metal elements, patchwork of different materials, avoiding sports style	a sexy, tight, sleeveless dress for prom,I hope it's a V-neck, avoiding cartoon patterns and Sequined	floral doll neck dress	a denim jacket with denim fabric, light blue color, a row of rhinestones at the shoulder	a T-shirt with an arrow on the chest
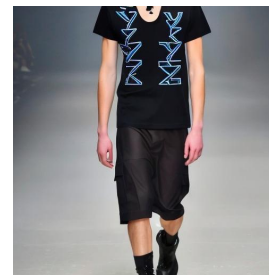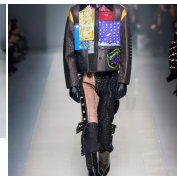
Feedback	satisfied with the result.Will inspire about patterns, patterns. Disadvantage: not a complete work but just a simple patchwork of elements	The result is not very satisfactory, too rigid and fancy, I wish I could generate a work with the same color and elements. Pros: useful for inspiration, the ideas in my head are getting clearer	It is wanted, but it is too common. I hope the algorithm can filter the results with more design sense before output. Plain basics need not be presented.	Satisfied, but its to long for my height ,i need one more prompt	Satisfied,even give the suit denim even i only describe jacket.one more prompt is i need smaller pockets	not satisfied,because arrow position is awkward ,one more prompt i need
Try-2	a colorful black dress combined with punk style and industry style	a shirt in slim-fitting, flashy,round neck,thin,with text pattern, avoiding flat pattern, cartoon image,stroke font	a leather, vintage, vintage, biker style jacket for girl, avoiding tassels, suede, black and rivets	Short floral doll collar dress with puffy sleeves	Denim jacket in light blue with rhinestones at the shoulders and smaller pockets at the chest	a T-shirt with an arrow in the ribs
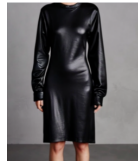
Feedback	Unsatisfactory, too far from the assumptions in the mind	The result is very average and not at all like what you would expect. The elements are not fully expressed. There is added new	Negative element appears!	this one is nice, not normal in the shopping mall	satisfied with collar ,Wooden buttons ,ande overrall style are good But smaller pockets not so good.Based on feeling,the smaller button cannot come out 1. Library language problem 2. The library does not have this function	not satisfied,because there is even no arrows any more and it seems that the model can not recognize ribs
Try-3	a colorful black(but not all) dress combined with punk style and industry style, avoiding crew neck	a shirt in slim-fitting, flashy,round neck,thin,with text pattern, and for young girl,avoiding flat pattern, cartoon image,stroke font	a leather, vintage, vintage biker style jacket for girl, but I don't want the jacket with black color, tassels, suede and rivets			

| Feedback | By describing Input_TEXT in more detail, a more desirable result is obtained | More unexpectedly | The modified result is feasible |