

Portfolio 1

Fall 2020 IDSN 3102

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Assignment 1

- **What is universal design?**
 - A space or environment can be used by all people without needing to be adapted or specialized after the fact
- **What is inclusive design?**
 - The design of an environment or space so that it can be accessed and used by as many people as possible, regardless of age, gender and disability.
- **ADA passageways and doors**
 - In order for a door and/or passageway to be ADA accessible, it should be at least 36 inches wide
- **ADA baths**
 - The required floor space at a minimum is 30 inches by 48 inches. There just has to be enough clearance for the knees and the toes of the person in the wheelchair to reach the sink and to be able to move around freely.
- **ADA heights and projection into spaces**
 - To be ADA compliant, countertops must be no more than 36 inches from the floor, but certain counters can be two inches higher, and others can be as low as 34 inches from the floor. The ADA also requires minimum unobstructed areas in front of different counter types.



Assignment 1 Continued:

Greenville:

Neighborhood and town history

- Greenville was originally recognized only as an important tobacco market and the home of a small state-supported college named East Carolina Teacher's Training School. By the mid 1960s, East Carolina College had become the third-largest state-supported college, and enrollment approached 8,000 students. In 1967, it became East Carolina University and now enrollment at ECU exceeds 29,000 students.

Applicable fire and life safety codes

- Life Safety Services conducts routine and specialized fire inspections on every building within the City of Greenville except one and two family residences. Home and residential inspections are done on request by the resident.

Local preservation codes and credits

Sustainability:

LEED building credits

- Projects pursuing LEED certification earn points for various green building strategies across several categories based on the number of points achieved, a project earns one of four LEED rating levels: Certified, Silver, Gold or Platinum.

Trends in historic preservation

- Preservation maximizes the use of existing materials and infrastructure, reduces waste, and preserves the historic character of older towns and cities.

Sustainable building systems/MEP

- Sustainability has become the prime focus for the MEP Design Services to utilize resources and reduce wastes in commercial construction projects.

Assignment 2

Who will be using this space?

- Teknion and the customers

Who is the owner?

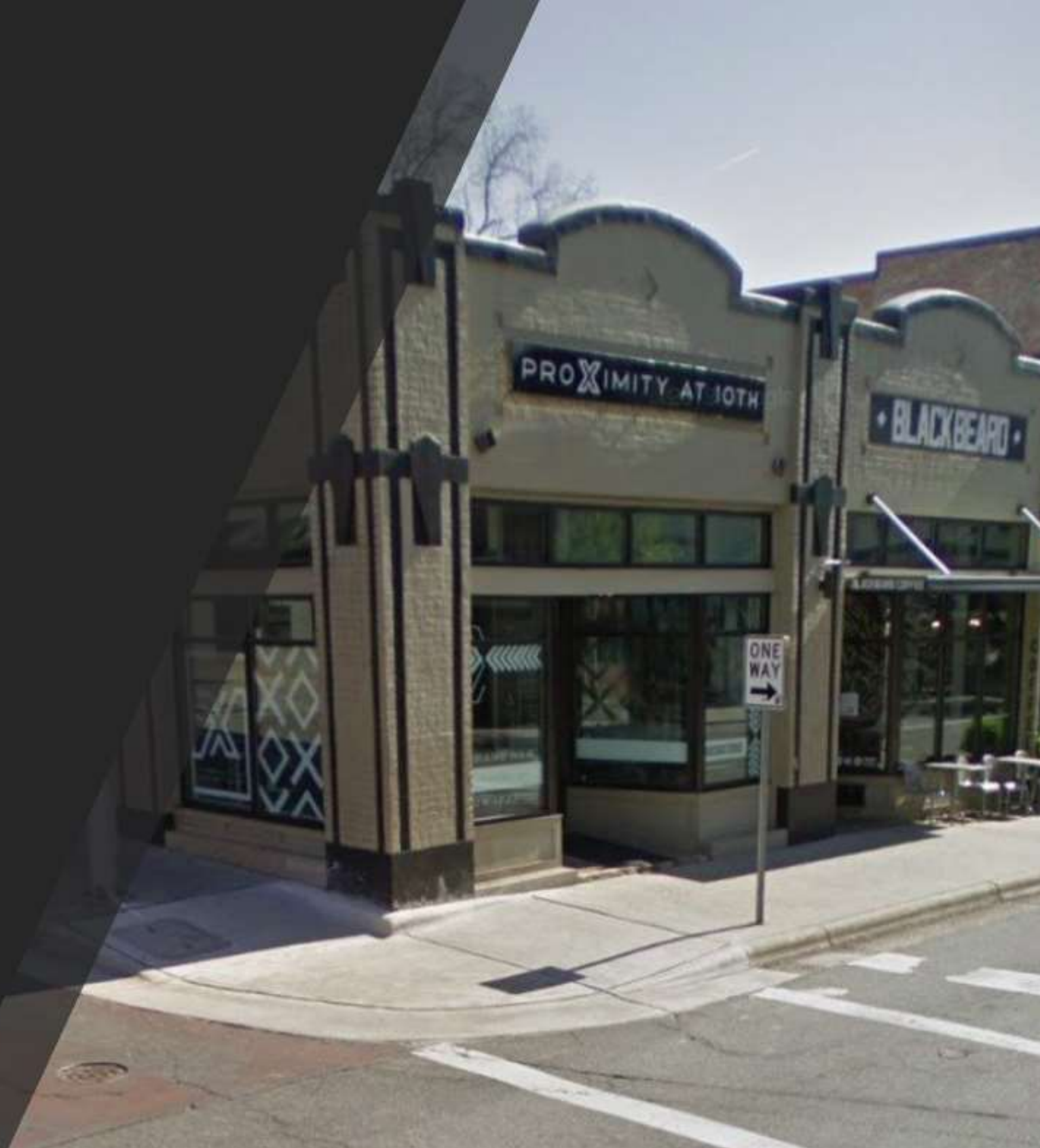
Real Estate Developer

Who is your client?

- Teknion

Who would be the users?

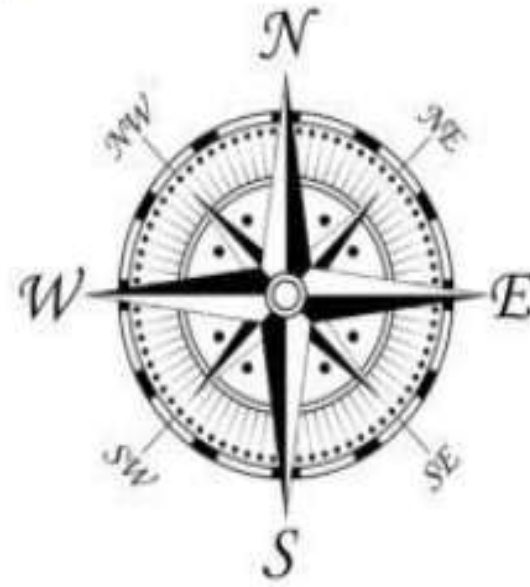
- Teknion and their customers



South East



West



South



Site Analysis:

- South entrance: lots of light
- North entrance: no light
- East: no light
- West: little bit of light



Design Problem Statement:

Deep Narrow Site

- Need to have a successful layout to gain customer attention. First impression is made in the entrance. This is where they get a feel for the store environment and the way it is coordinated.

Daylighting

- Need to get more lighting into the back of the space.
- Need to find textures and colors that will grab their attention and guide them through the space.

Wayfinding

- Encourage customers to stay so they will be more likely to purchase something.
- Need to create some sort of interest point at the back of the space to attract customers into that area

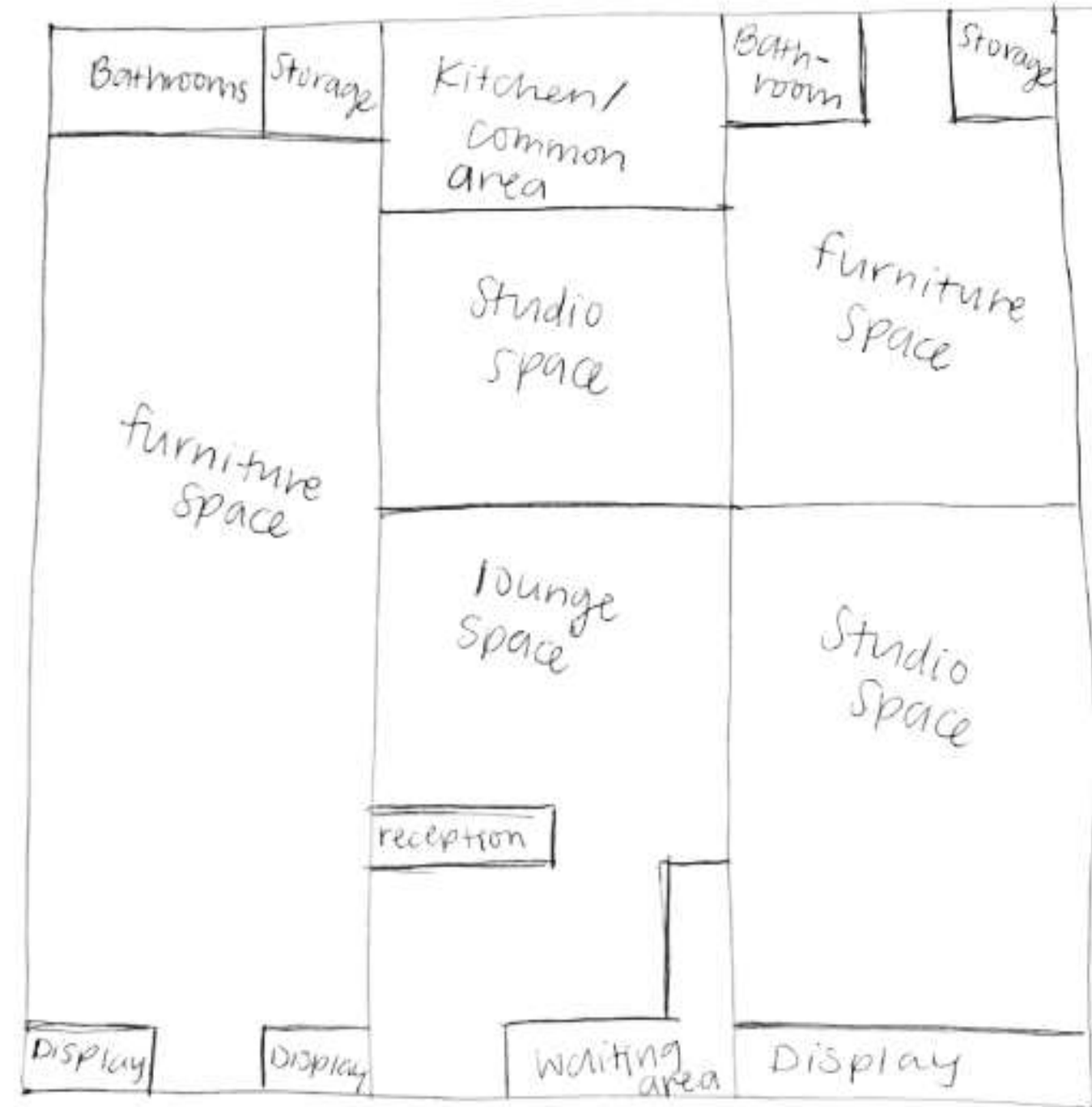
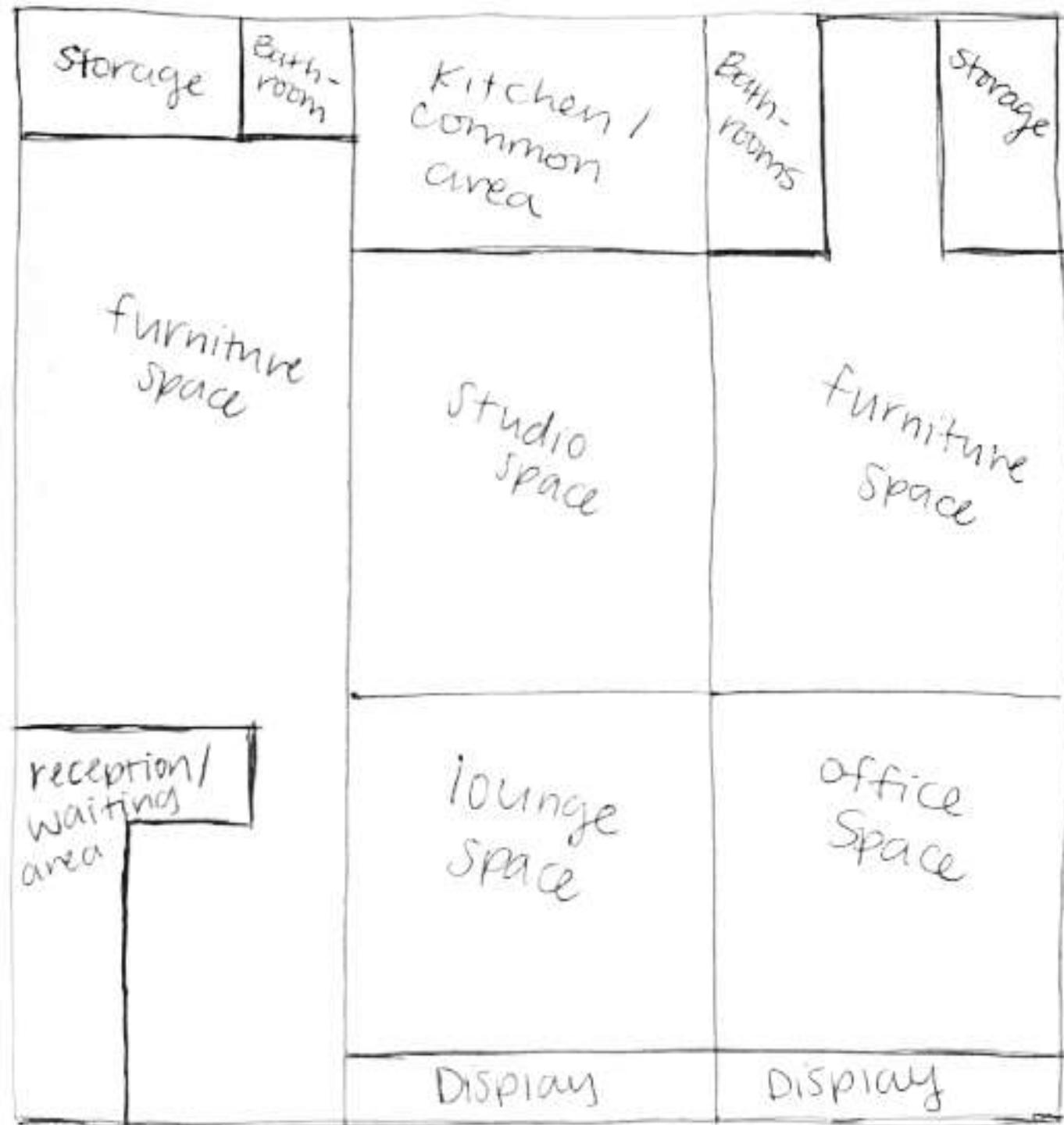


Block Diagrams

Storage / bathrooms	Kitchen/ common area	bathrooms/ storage
furniture space	Studio space	furniture space
reception/ waiting area	lounge space	office space
	Display	Display

Bathrooms/ storage	Kitchen/ common area	Bathroom/ storage
furniture space	Studio space	
	lounge space	Studio space
	reception/ waiting area	
Display		Display

Space Plans



Final Space Plan

