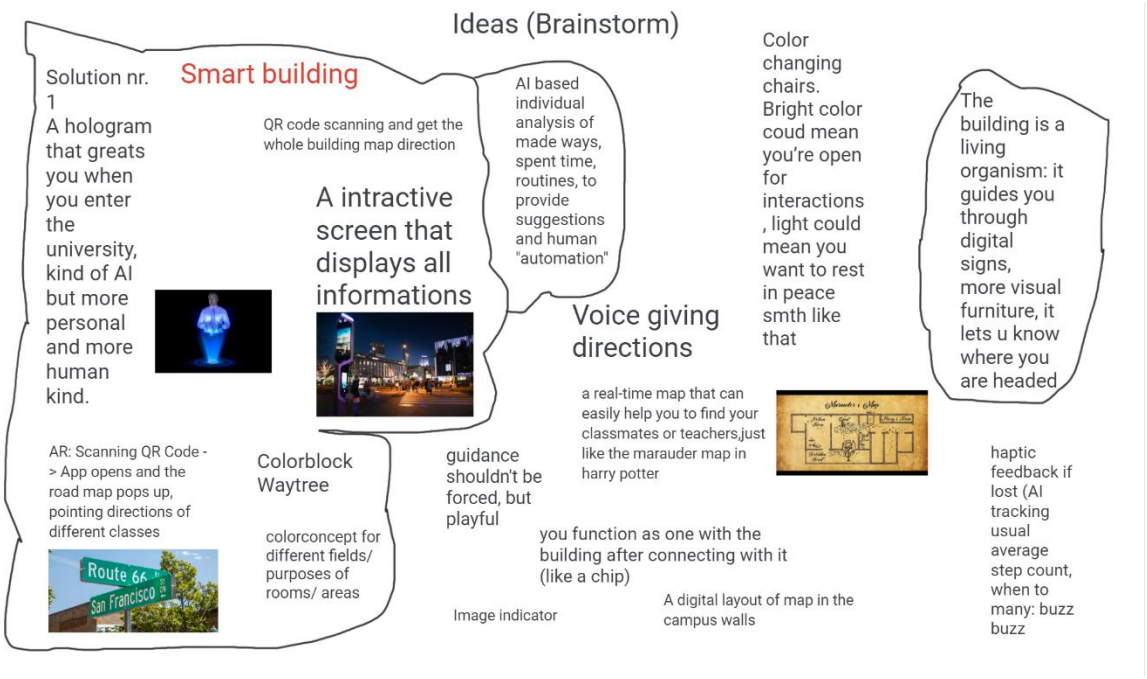
Ideate

Initial Ideas

During the brainstorming session (Figure 1), several innovative ideas were generated to address the problem. These ideas included implementing a personalized hologram greeter, utilizing augmented reality for wayfinding through QR codes and an app, using a color concept for room purposes, incorporating a playful guidance system, analyzing individual movement patterns and routines using AI, introducing color-changing chairs to indicate interaction or rest, treating the building as a living organism with digital signs and real-time maps, creating a real-time map for locating classmates and teachers, and incorporating voice-guided directions. These ideas aim to provide personalized, interactive, and engaging solutions to enhance the student experience within the building.



(Figure 1) Brainstorm session about ideas

Color scheme

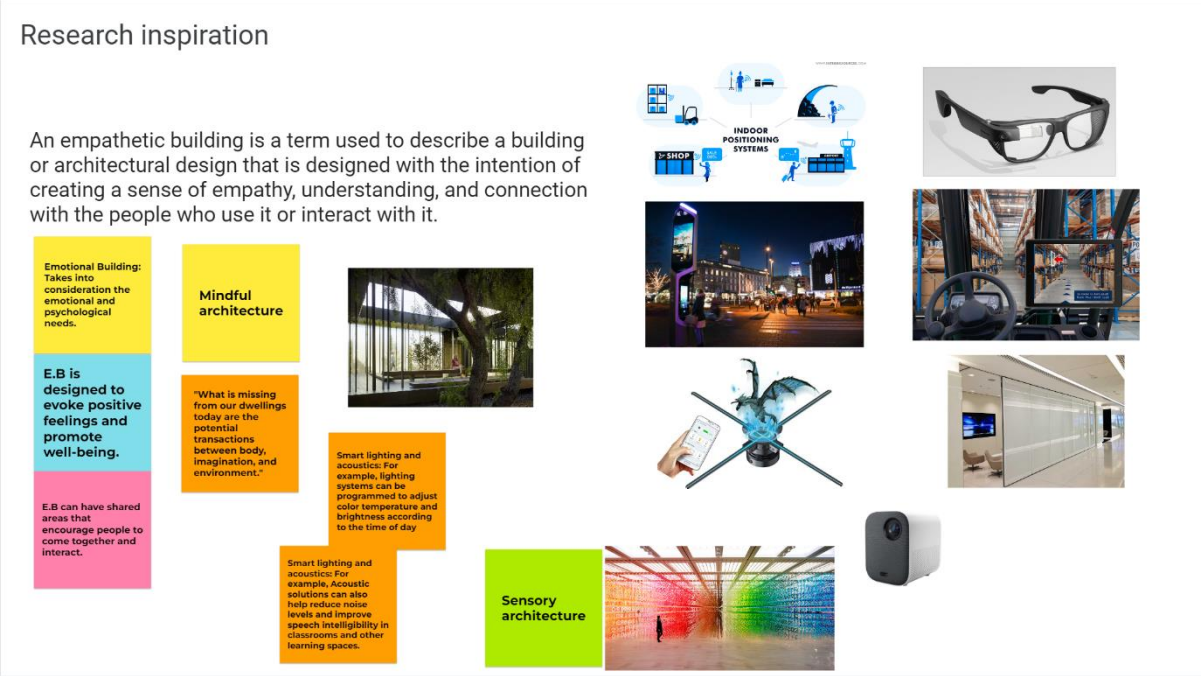
The brainstorming session (Figure 2) revolved around exploring color patterns and their corresponding meanings, resulting in the identification of significant insights. Yellow represents fun, creativity, hope, happiness, and warmth; Orange signifies courage, creation energy, confidence, and optimism; Blue conveys trust, peace, calmness, wisdom, and the sensation of space while reducing appetite; Green symbolizes help, stability, self-reliance, and safety; and Pink is associated with calming, relaxation, and nurturing. These insights can be applied in various contexts, such as design

and branding, to evoke specific emotions and create desired atmospheres.

(Figure 2) Brainstorm about the colour scheme for the navigating indicators

Initial ideas 2

Following an expert interview with our mentor, the reiteration of ideas (Figure 3) resulted in the following key points: an empathetic building aims to create empathy, understanding, and connection with users, considering their emotional and psychological needs; an emotional building focuses on evoking positive feelings and promoting well-being; shared areas encourage social interaction and community; smart lighting and acoustics enable programmable adjustments for optimal lighting conditions and improved sound quality; and sensory architecture recognizes the impact of sensory elements on individuals' well-being and experience within the space. These ideas emphasize the importance of designing buildings that prioritize emotional well-being, social interaction, and sensory experiences to create empathetic and engaging environments.



(Figure 3) Re-iterated brainstorming session about ideas for the empathic building

Conclusion

In conclusion, the brainstorming session generated innovative ideas to enhance the student experience within the building, including implementing personalized hologram greeters, augmented reality wayfinding, color concepts for room purposes, and incorporating sensory elements. These ideas aim to provide personalized, interactive, and engaging solutions that improve navigation, create desired atmospheres, and prioritize emotional well-being and social interaction. By embracing these concepts and incorporating smart lighting, acoustics, and shared areas, the building can become an empathetic and engaging environment that fosters a positive and supportive atmosphere for students. Continuous evaluation and iterative design processes should be implemented to ensure ongoing improvement.