

# Intermodal Mobility

Chiara Martin

Design & Mobility/ 3

WS 2025/26

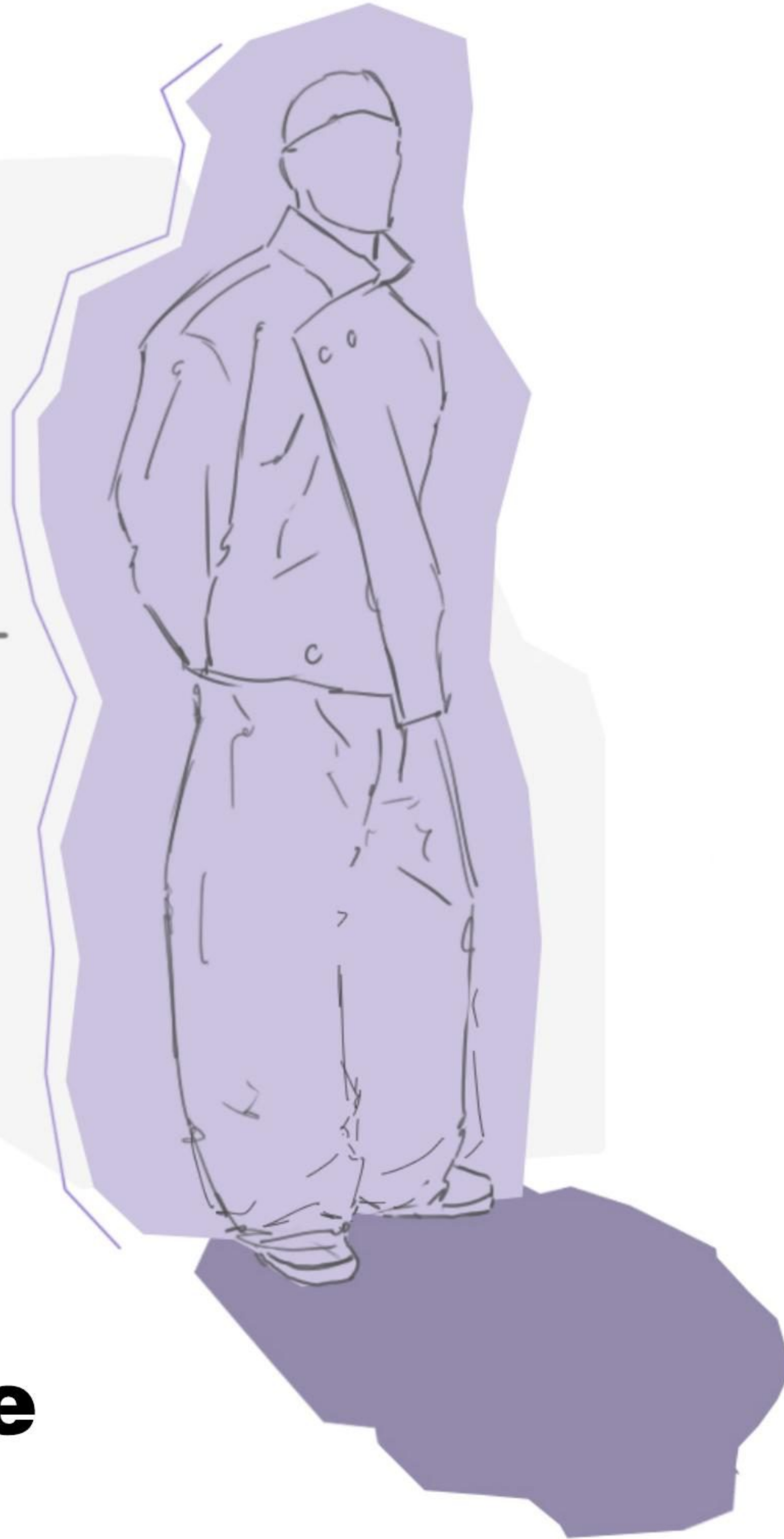
Delta Semester



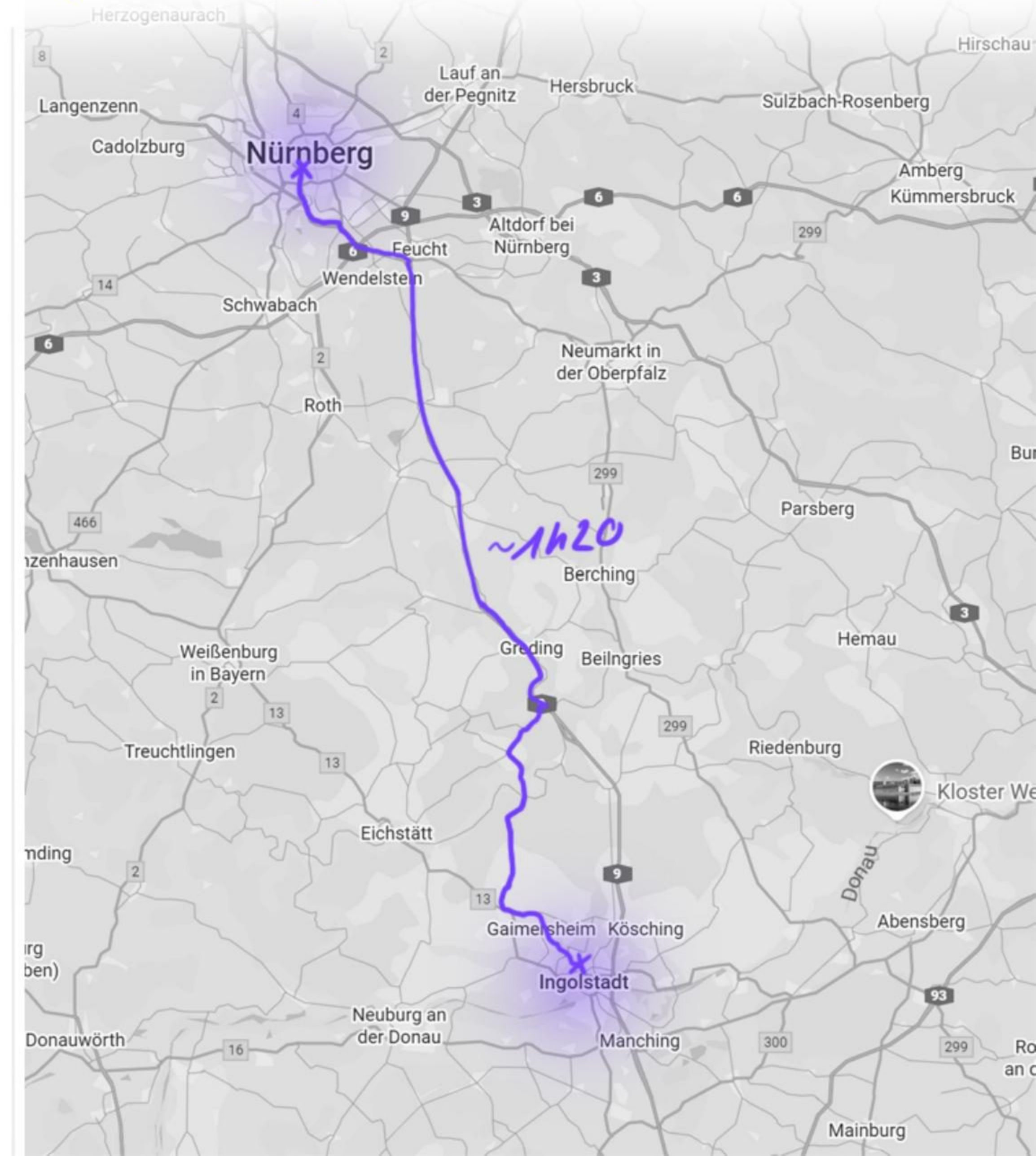
persona

**Emilio, 26 years**  
**artist**  
**commuter**  
**no own car**  
**want's privacy while travelling**  
**uses his bike daily**

**challenge/ usecase**



**his daily way to work:**  
**Ingolstadt - Nürnberg**



# painpoints

*typical problems on his way to work*



Public transportation is no pleasant solution due to the lack of privacy and simply being overcrowded. It might even lead to mental exhaustion and to feel unsafe in larger crowds. Bicycles are hard to stow and might use too much space, especially in overcrowded areas.

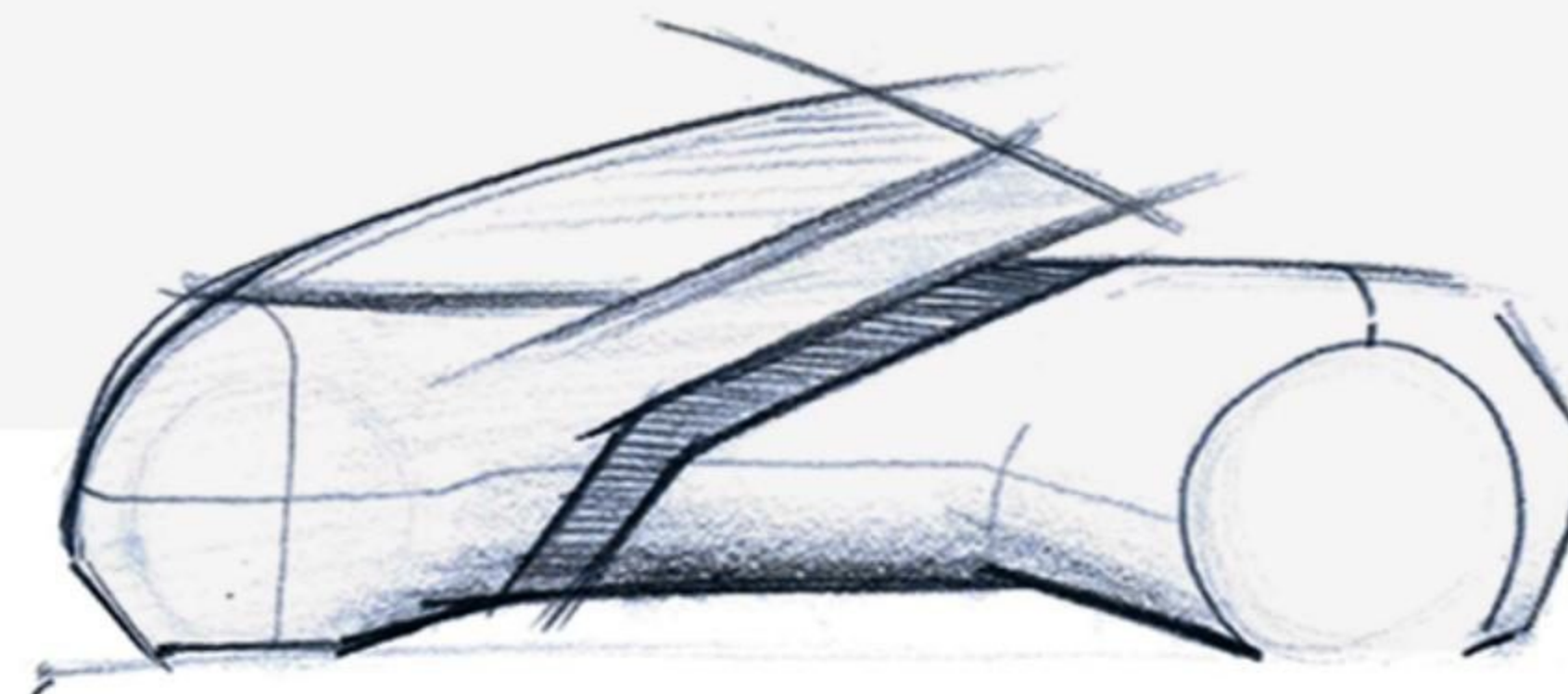
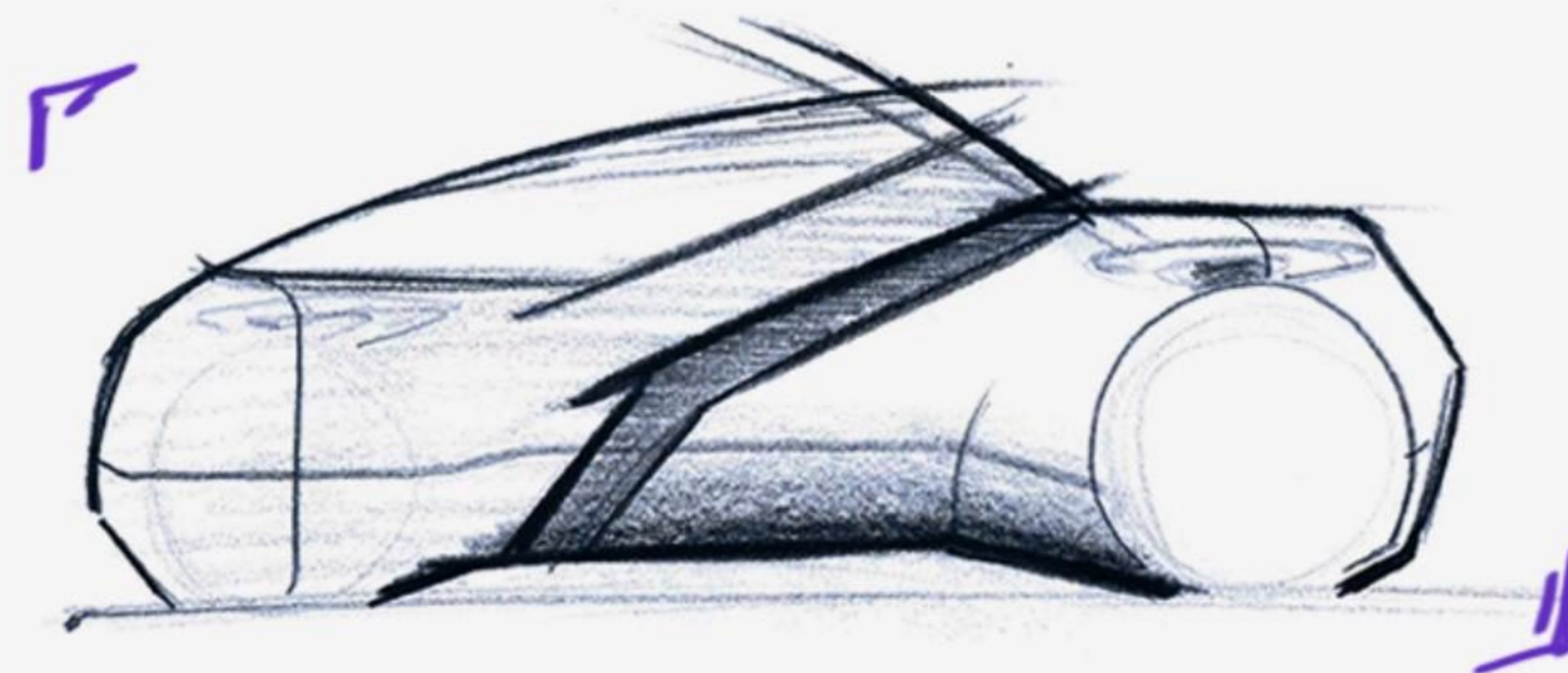
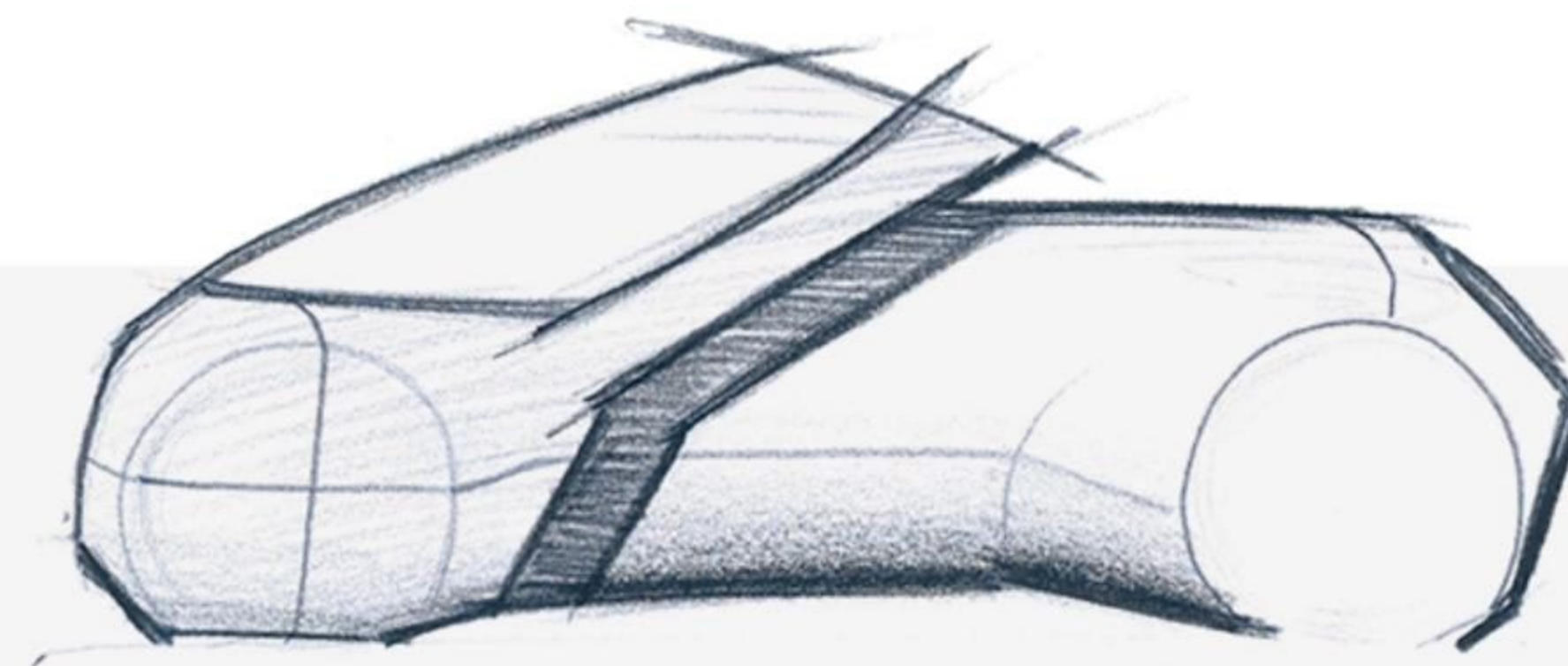
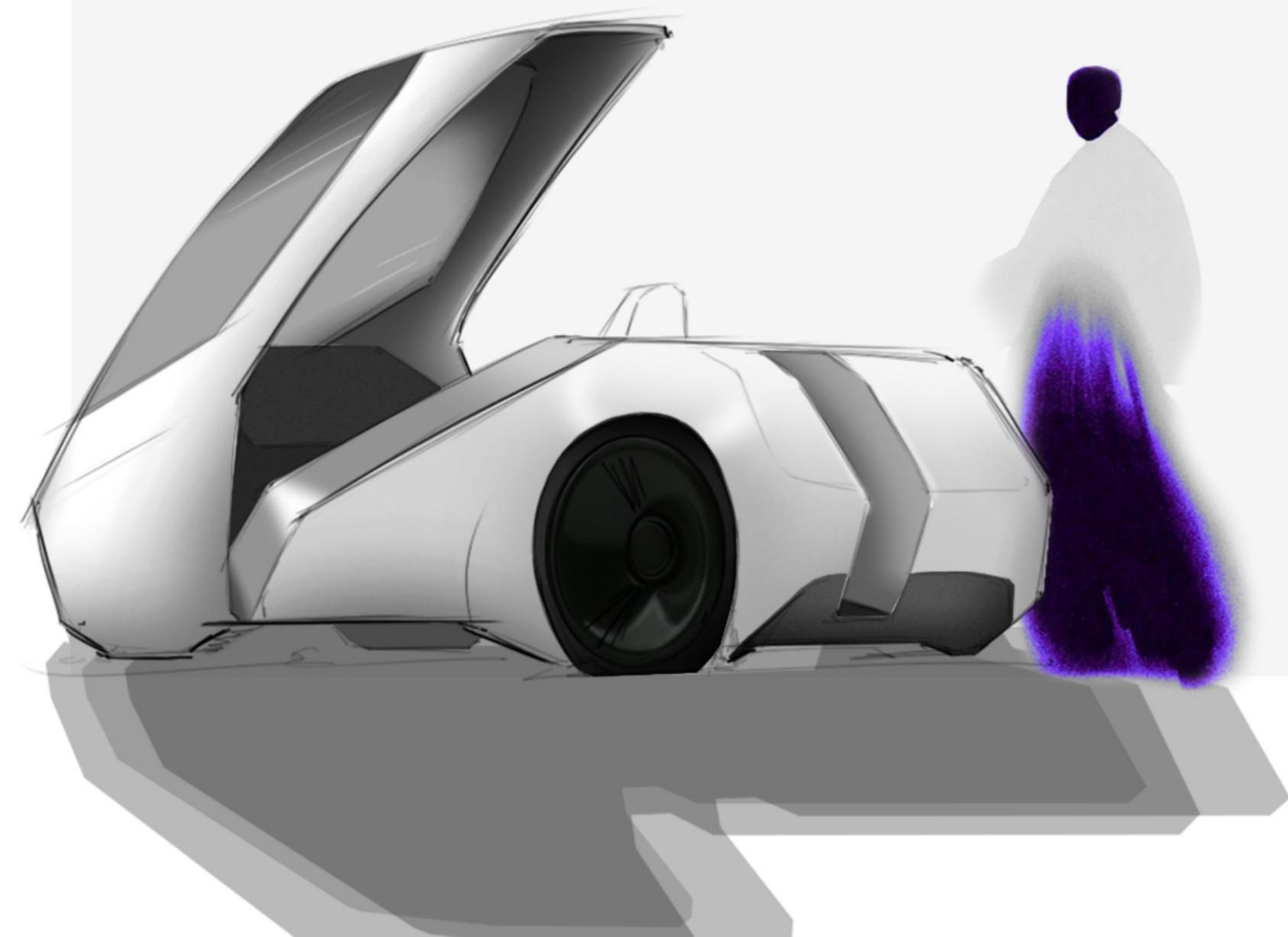
# moodboard

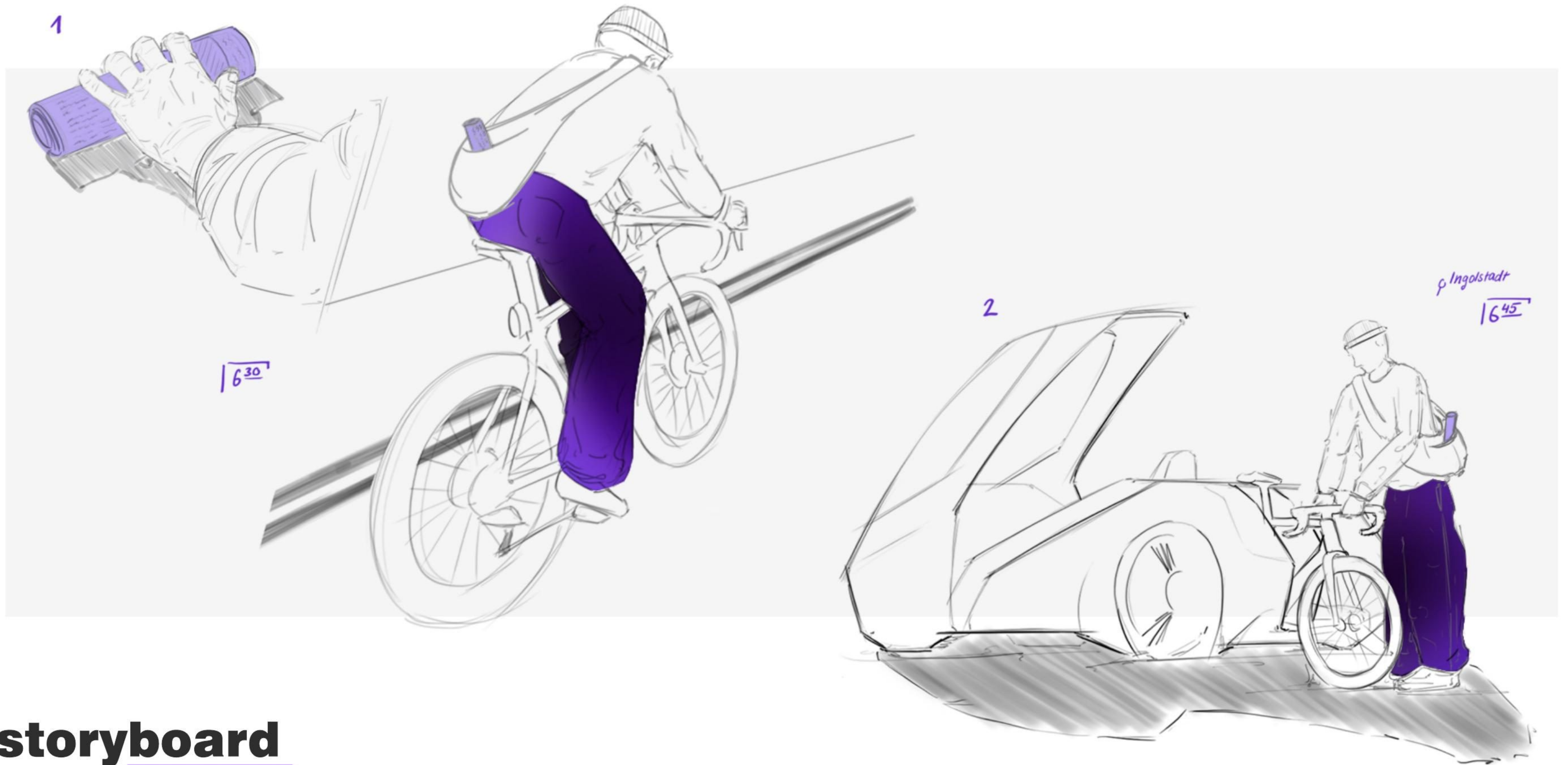
*about his emotional & functional needs*



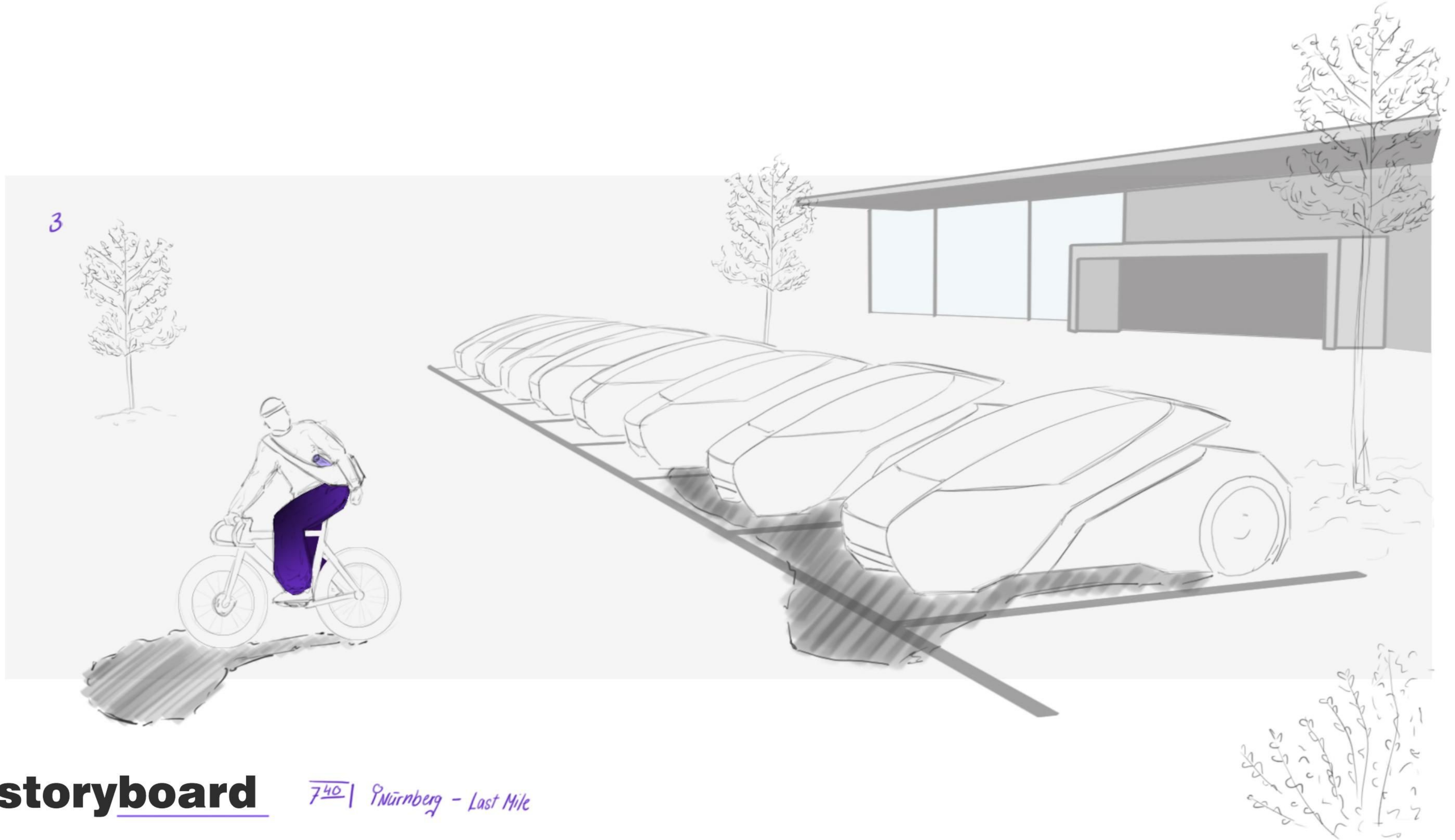
A vehicle is required that serves as a personal safe space. It should offer an escape from noise and the hectic pace of daily transit. Being rentable at park-and-ride facilities creates a easy transit. An integrated mounting system is a space-saving solution for taking your bike with you.

# sketches





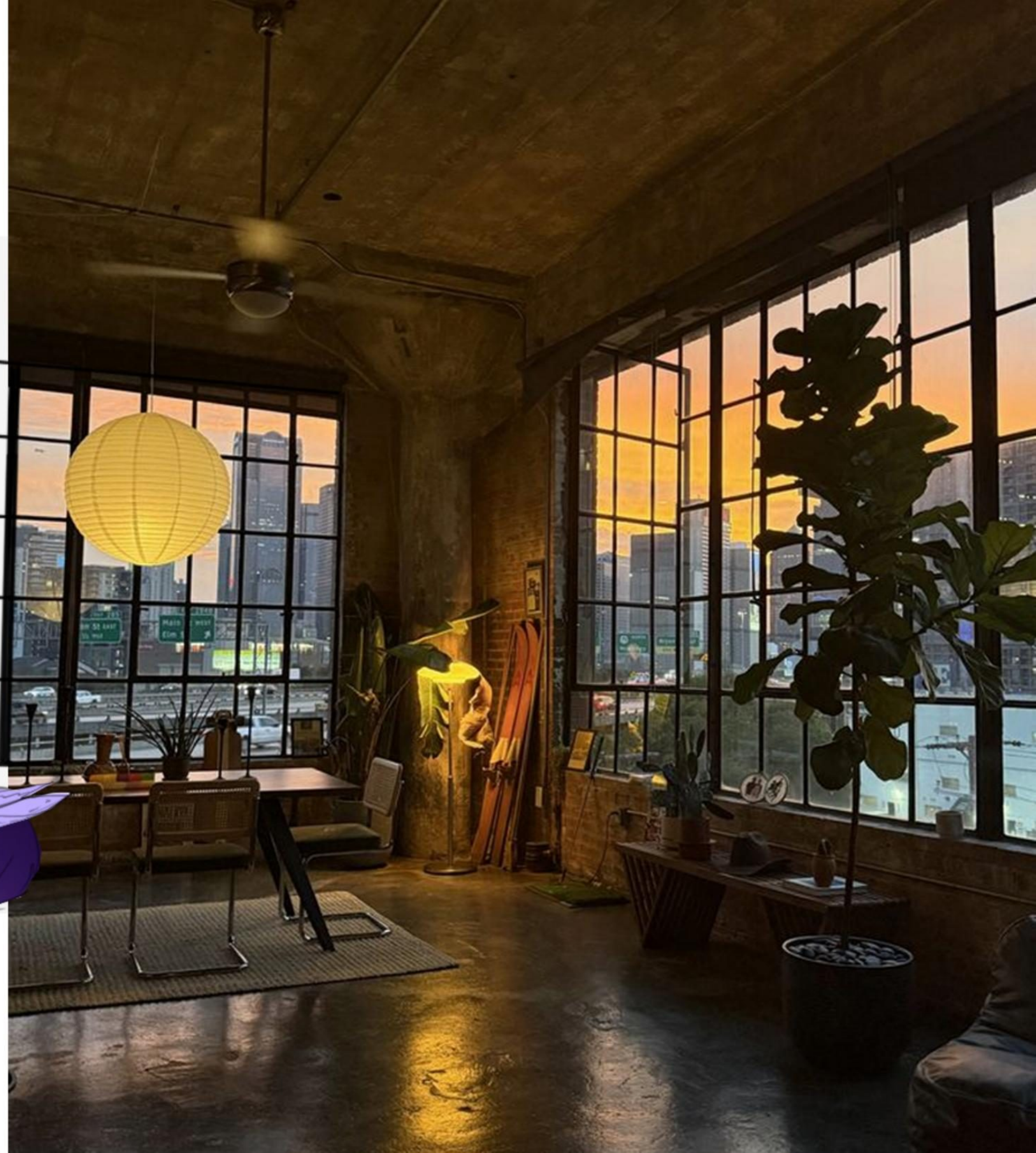
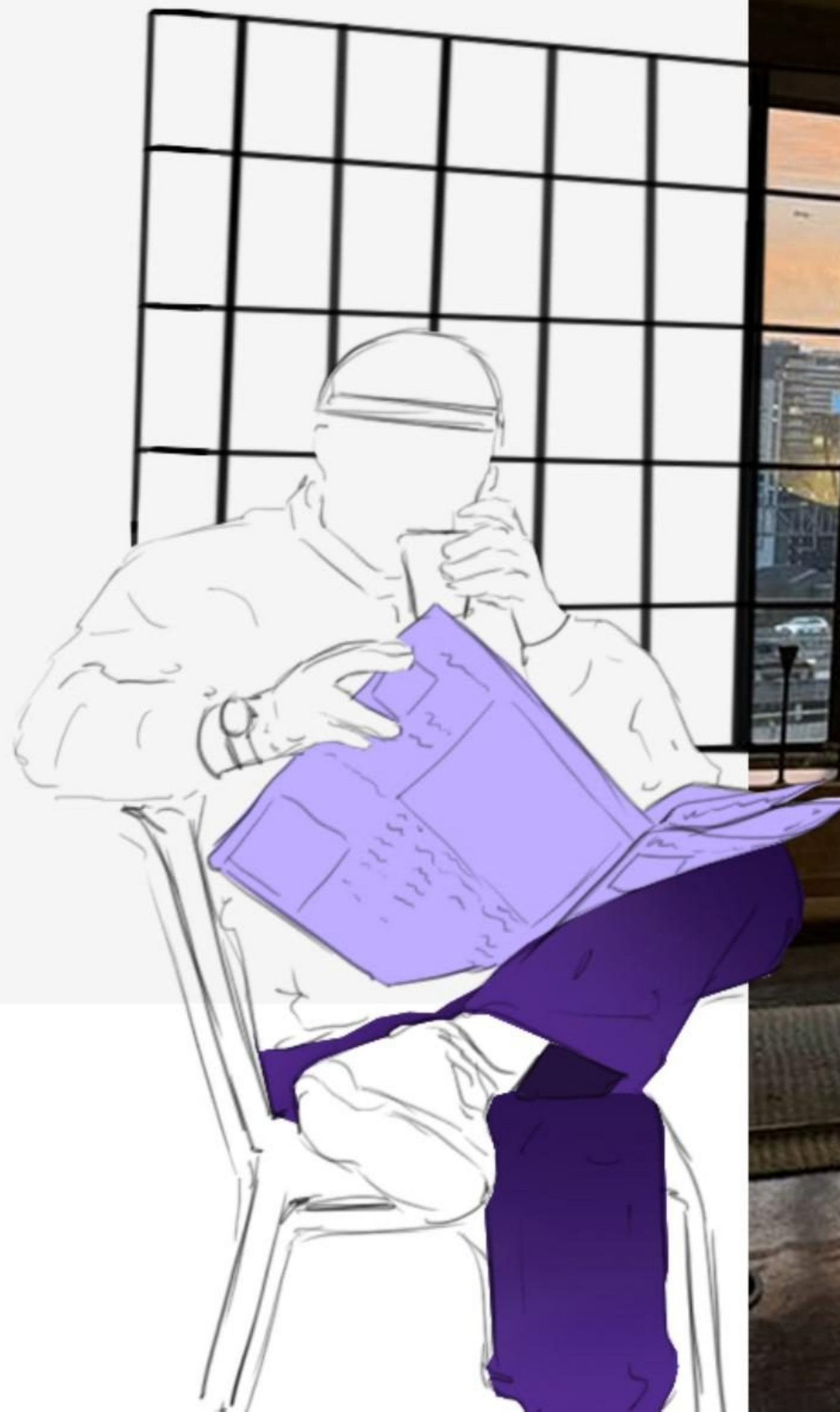
**storyboard**



**storyboard**

740 | Nürnberg - Last Mile

4 Nürnberg - Office 750]

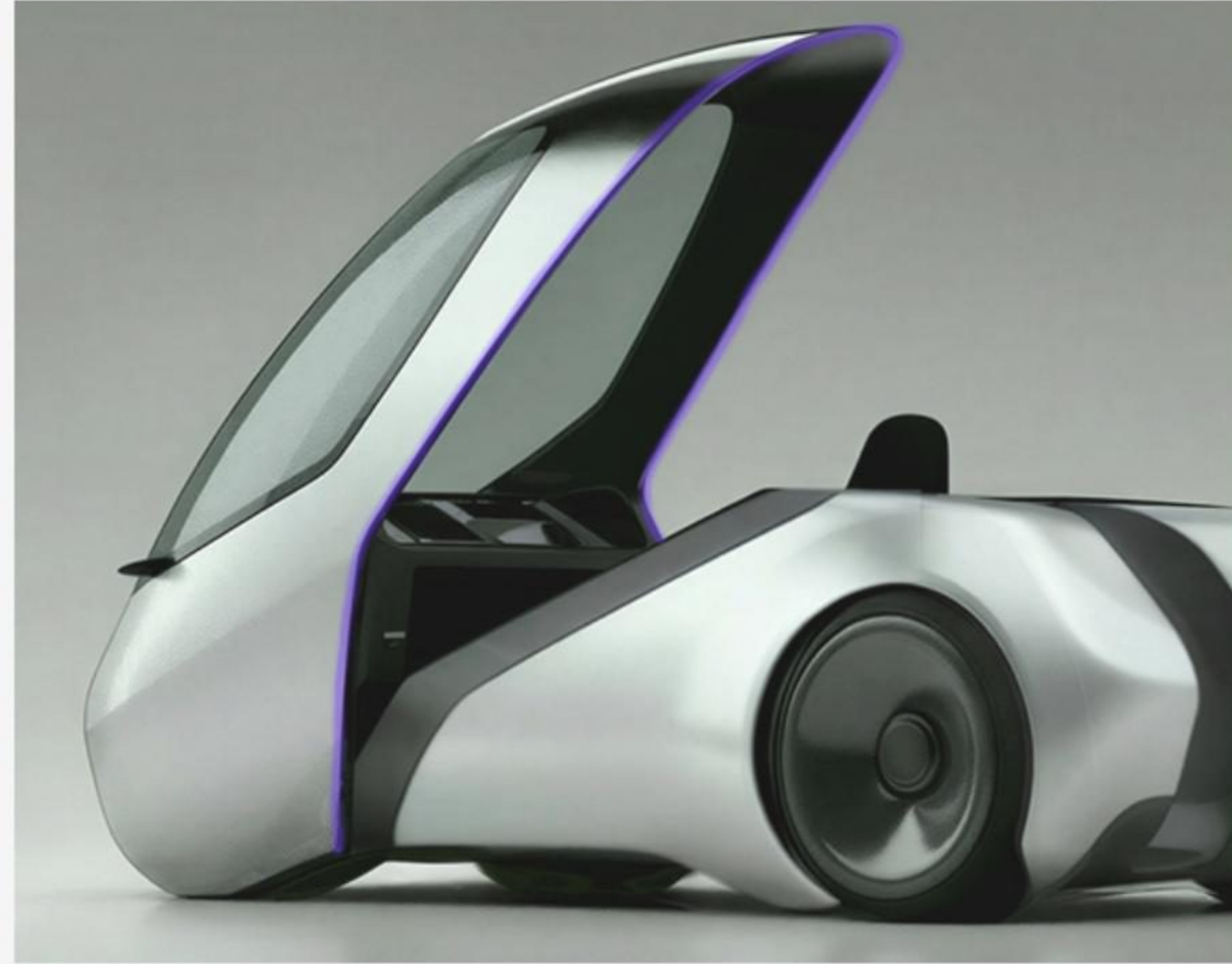


**storyboard**

# p&r system



# **affordances**



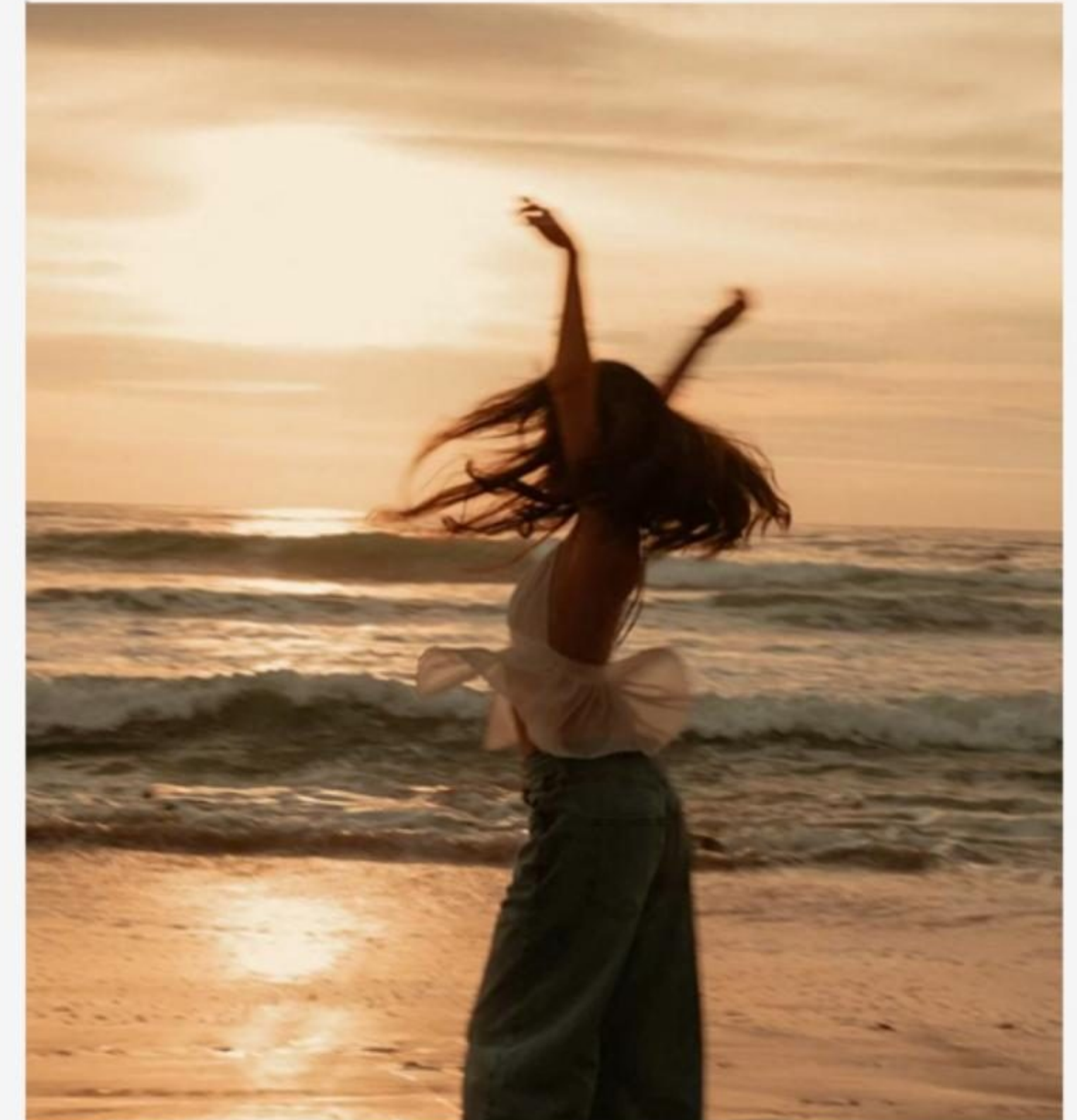
The volume distribution invites you to open the vehicle by tilting the front capsule forwards. It generates enough space to enter easily.

# affordances



As soon as the capsule is tilted forward, the intention of the gap at the rear becomes even more noticeable. The distinctive mount in the cutout allows you to load the bicycle directly into it. The mounting system seems appealing due to its striking colors.

# perception



The vehicle becomes a personal safe space — a private capsule you can retreat into. It is a place of calmness and security, far away from the stressful everyday life and crowded public transport. As soon as you enter the car, a pleasant, comforting feeling sets in, shaped by privacy and a sense of shelter. Overall, the persona feels safe, protected, and serene, as if in a small bubble just for themselves.



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