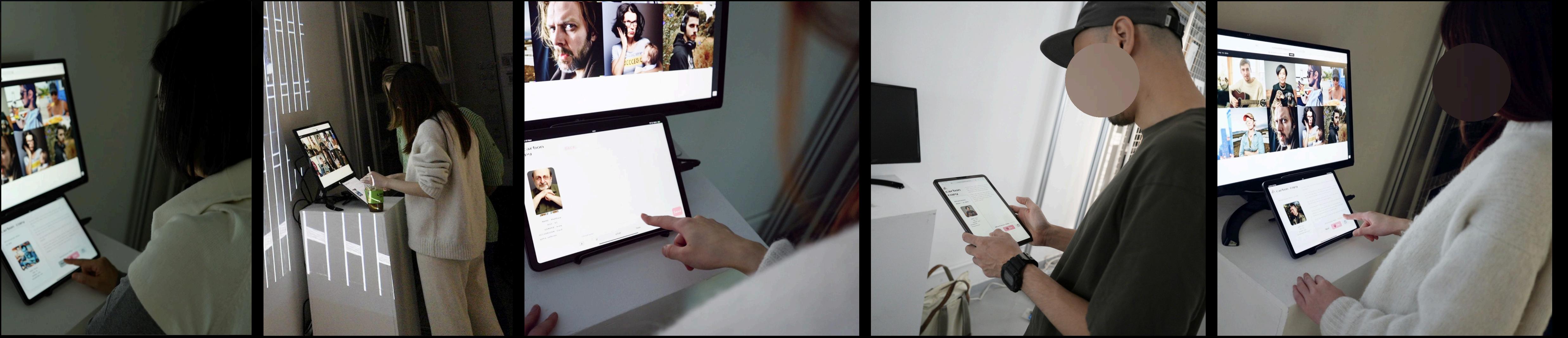


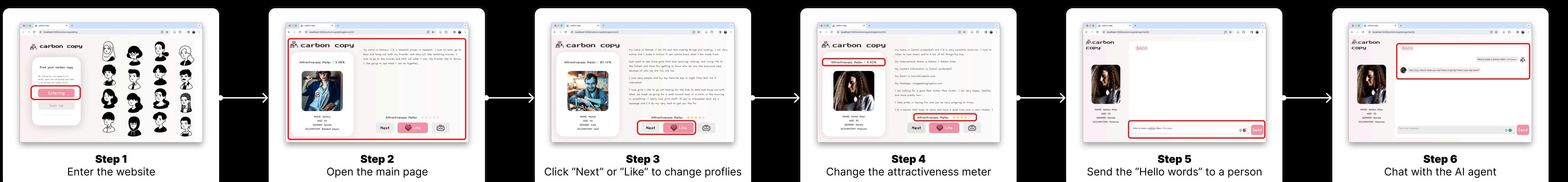
# CARBON COPY

In our rapidly advancing technological landscape, generative artificial intelligence (GenAI) is transforming human-AI interactions across various domains. The viral sensation of ChatGPT and GenAI's role in content creation has captured widespread attention. However, AI's ability to generate convincing yet fictitious images, videos, texts, and voices presents a significant challenge. This deception complicates distinguishing authentic human content from AI-generated forgeries and highlights the increasing importance of verifying online identities, particularly in mobile dating, for safety and trust as AI technology advances and detecting false content becomes more difficult. Consumers often fail to recognize fake AI-generated information, such as fake news or social media profiles, leading to misinformation and security risks. The proliferation of fake accounts with AI-synthesized faces on platforms like Facebook and LinkedIn exemplifies these challenges.

Thus, we delve into the fusion of human creativity and AI's generative power, using the fake dating website "Carbon Copy Dating" to critically assess the influence of GenAI in shaping social interactions within human communities. Drawing on insights from seasoned dating app users, we crafted a model for a fake dating platform, powered by GenAI-generated profiles. Our methodology commenced with an analysis of existing user profile texts, leveraging AI to emulate these narratives' style and substance. This process involved generating textual content through ChatGPT and creating visual profiles using advanced generative models like Stable Diffusion (SD) and Midjourney (MJ). This AI-driven approach ensures that the generated profiles maintain authenticity and relevance to potential users' expectations.



The Carbon Copy Dating exhibition provided attendees with a deeply immersive encounter with AI-created profiles. This experience effectively bridged the gap between the theoretical aspects of technology and its palpable impact on human interaction. The process of user interaction during the exhibition is as follows:

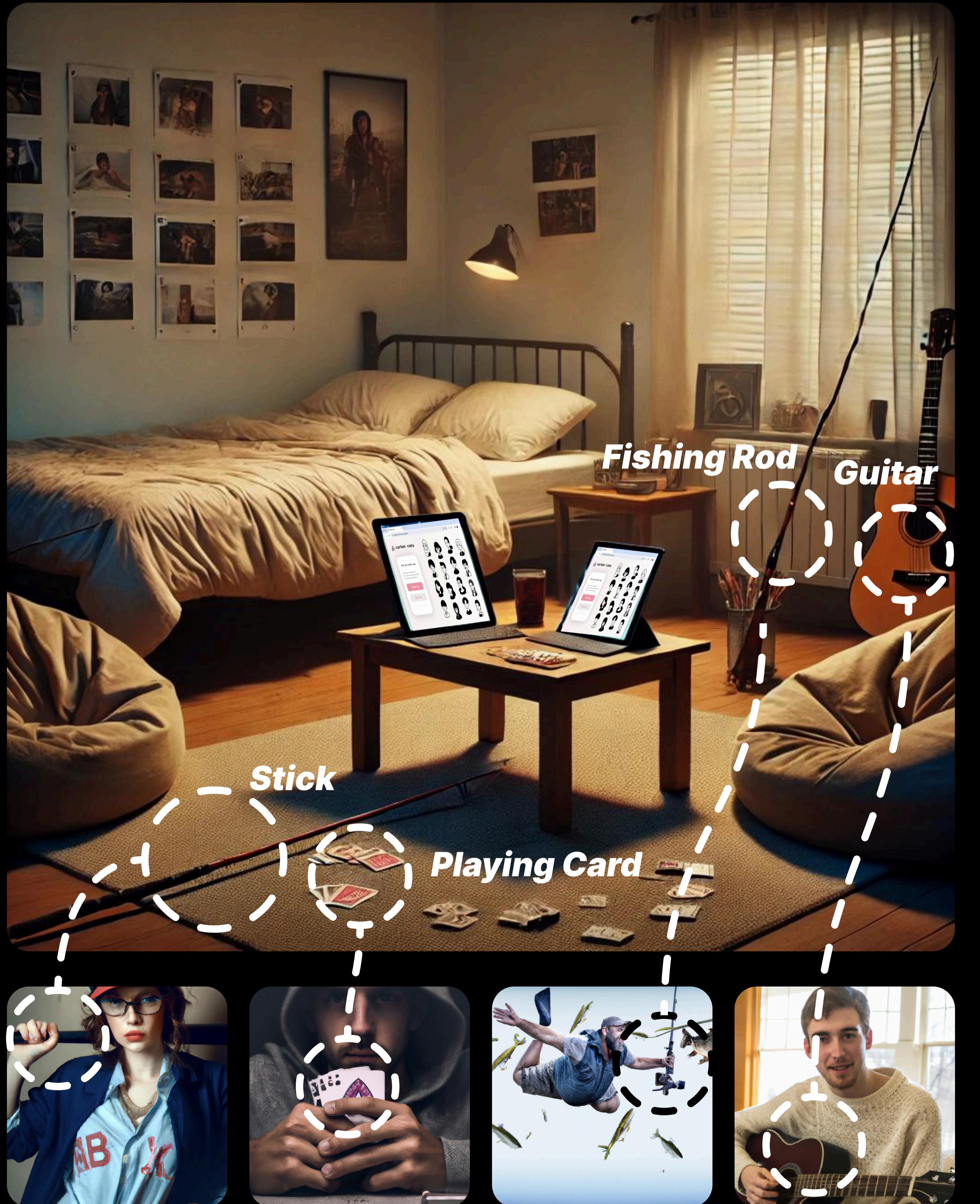


## Artists:

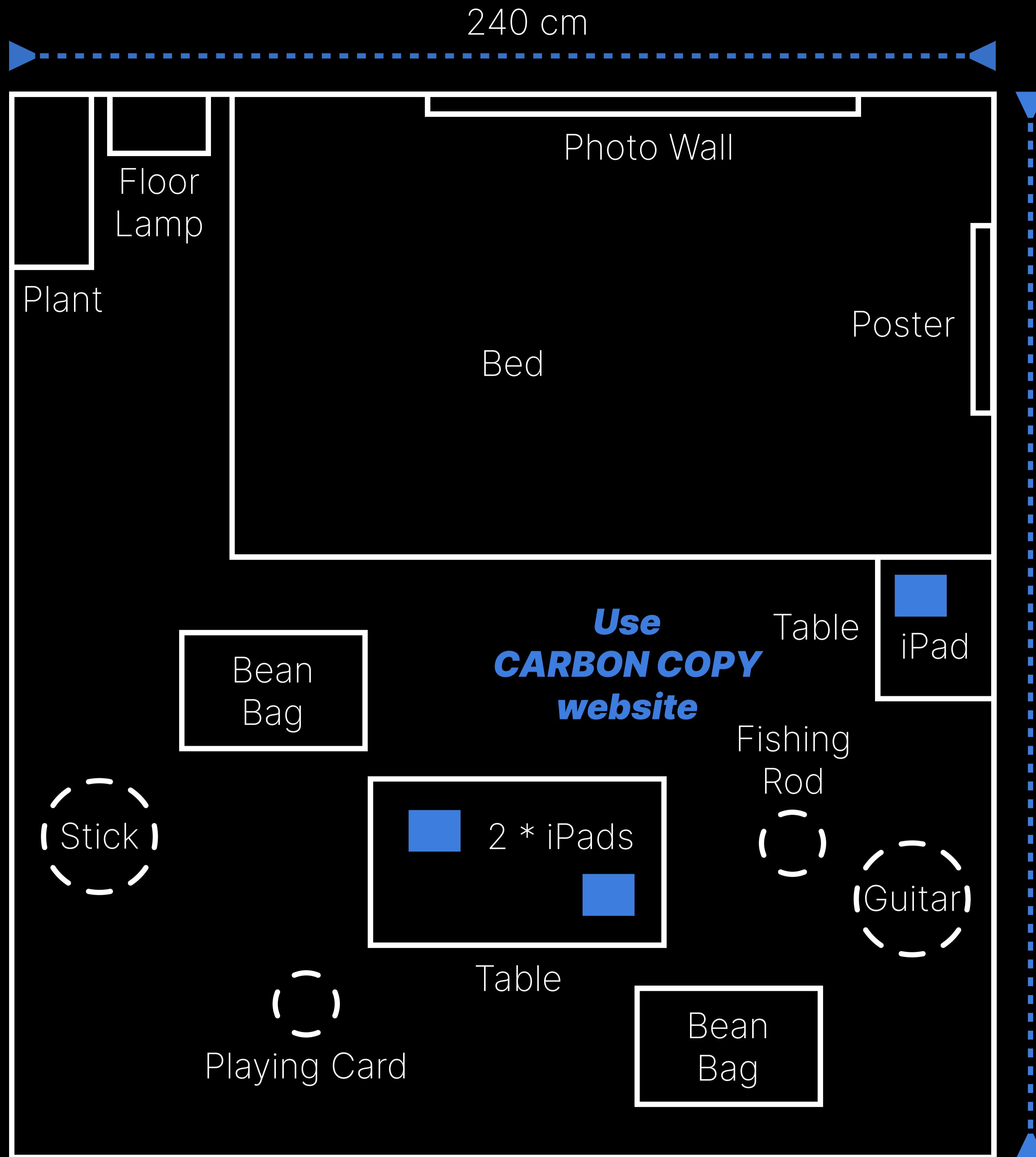
Lucy Ling, Xiaoke Zeng, Tianqi Wang, Fan Zhang, Yun Chen, Ray LC

## Website Linkage:

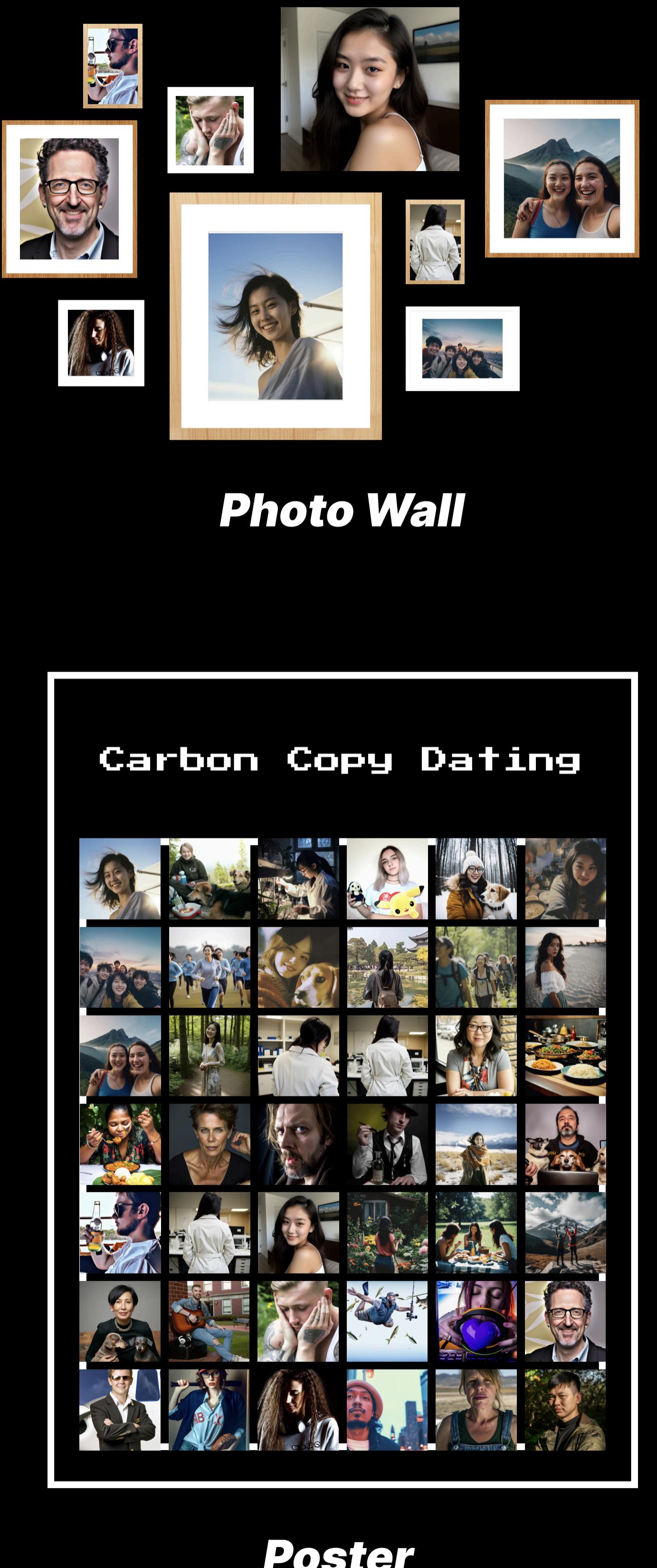
<https://carboncopydating.github.io/carboncopydating/>



**Render Graph**



**Sketch Map**



**Poster**