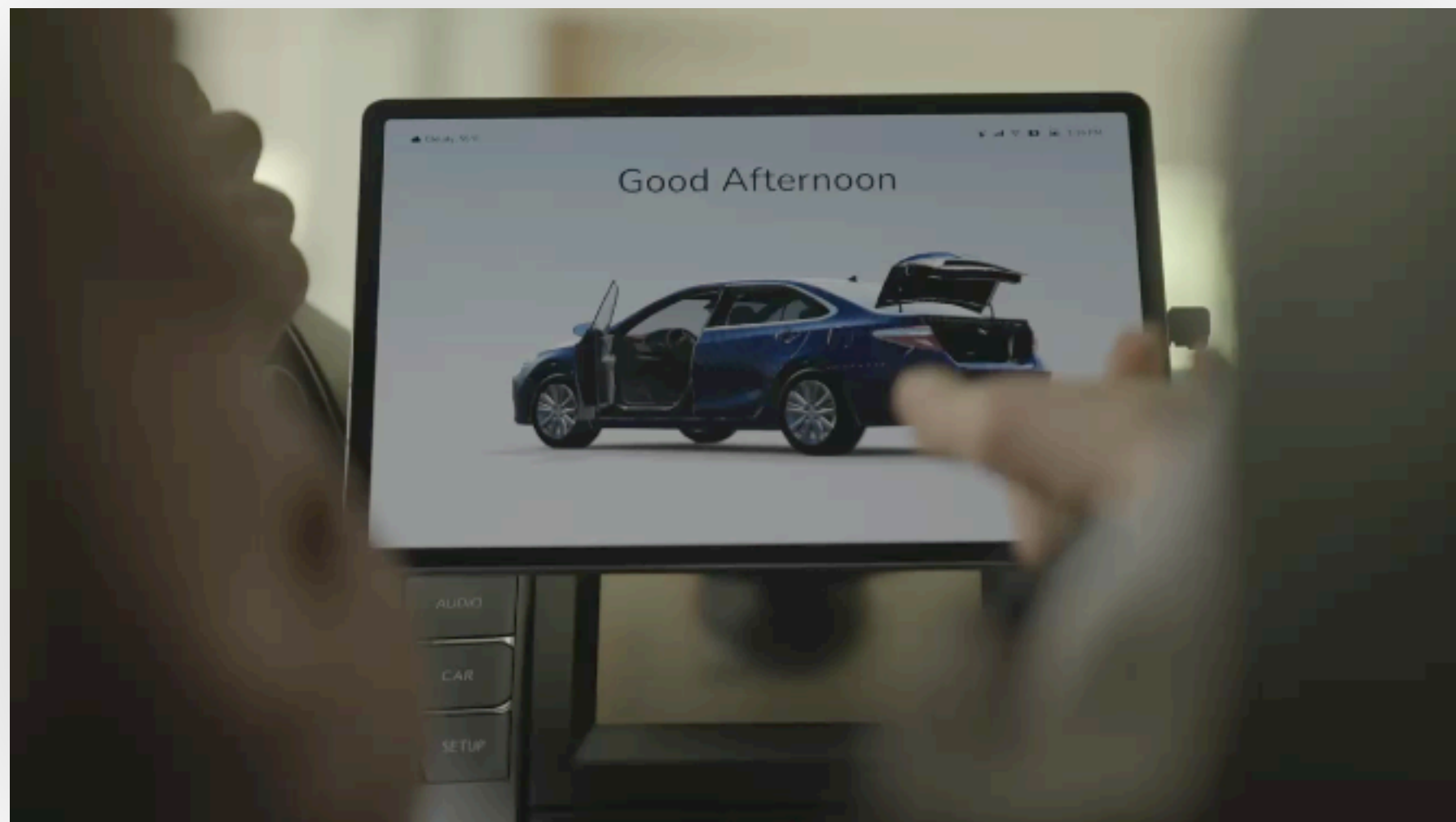
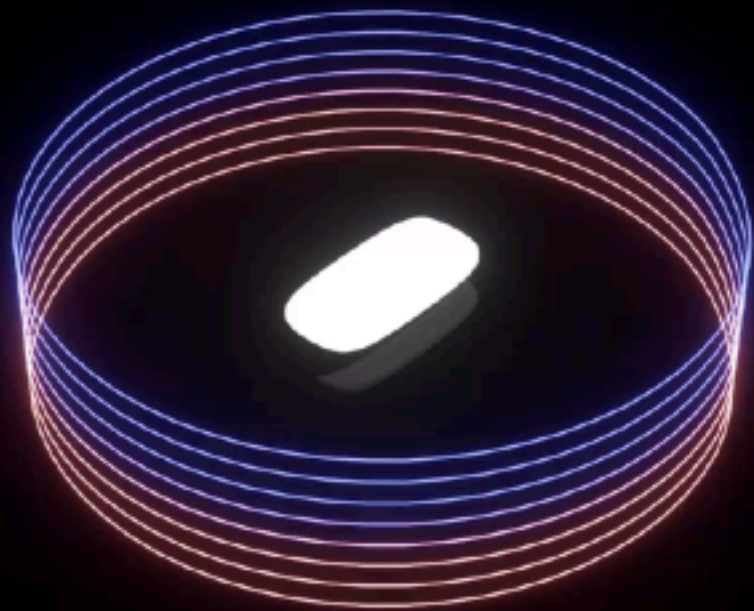


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And Design Worlds inspired by Hollywood and Video Games



Design elevates Ghost's system beyond mere utility, crafting experiences that feel profoundly human. Every expression, movement, and interaction should convey authenticity, creating a seamless blend of emotional depth and technical precision.

















When the team set out to build a **3D-native operating system**, we adopted cutting-edge tools like Cinema 4D, Houdini, and Unity3D to elevate our skills and align with workflows inspired by Hollywood and video games. Learning Unity3D allowed our designer-engineers to collaborate closely with developers, bridging the gap between design and code for faster iteration. This approach enabled us to **release new features weekly**, leveraging **real-time rendering and procedural workflows** to create a seamless, innovative user experience.



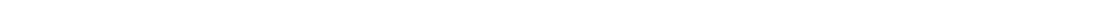
Design

Prototyping

Implementation and Experimentation









Appendix: Case Studies | GhostOS HMI

Cloudy, 50°F

9:47 100% 10:13 PM

Good Afternoon



AUDIO

CAR

SETUP

☁ Cloudy, 55°F

📶 🔋 🔒 53 1:16 PM

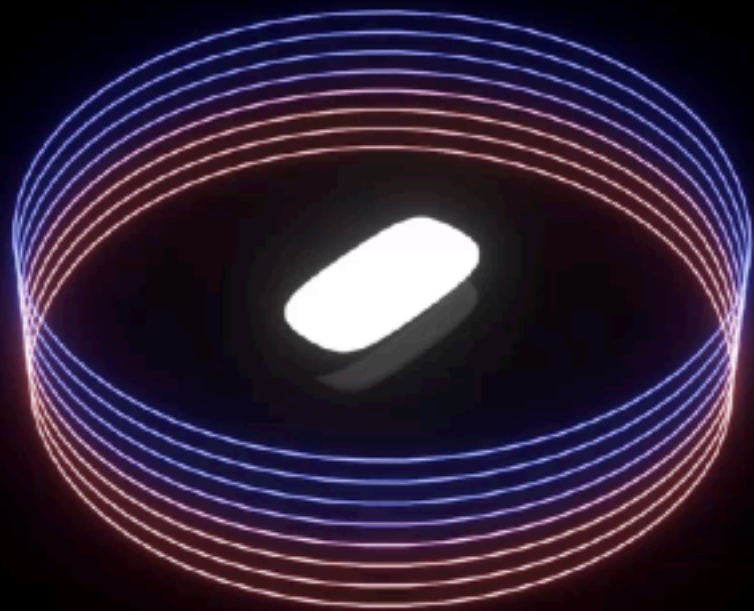
Good Afternoon

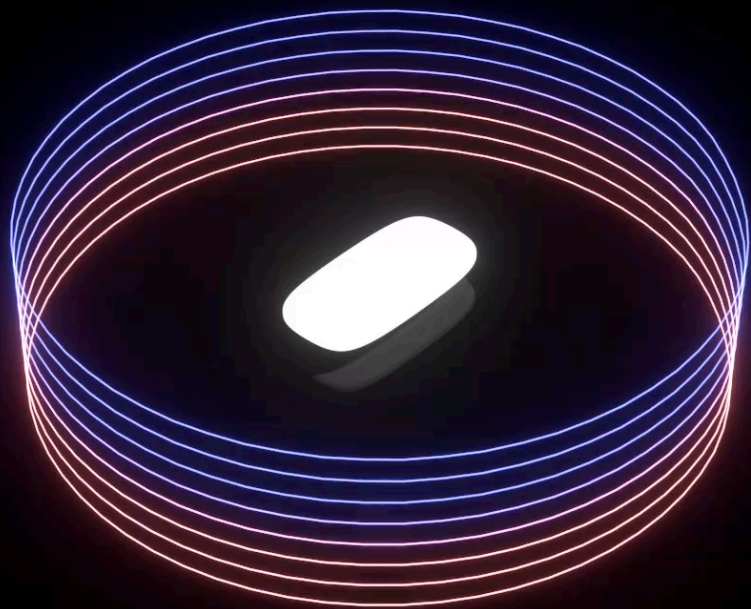


AUDIO

CAR

SETUP







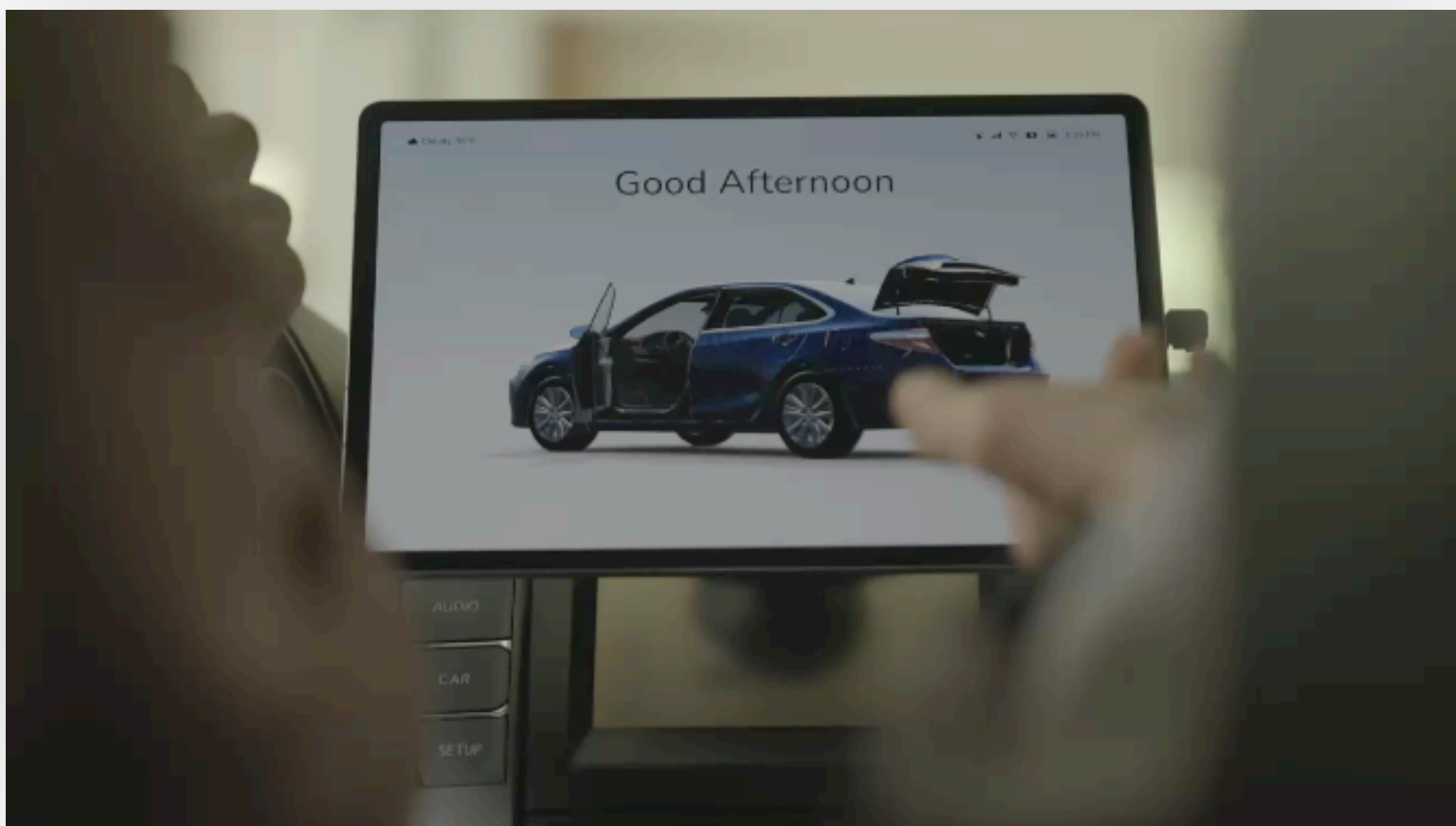


A Design Workflow inspired by Hollywood and Video Games

When the team set out to build a **3D-native operating system**, we adopted cutting-edge tools like Cinema 4D, Houdini, and Unity3D to elevate our skills and align with workflows inspired by Hollywood and video games. Learning Unity3D allowed our designer-engineers to collaborate closely with developers, bridging the gap between design and code for faster iteration. This approach enabled us to **release new features weekly**, leveraging **real-time rendering** and **procedural workflows** to create a seamless, innovative user experience.



Design



Prototyping



Implementation and Experimentation



Collapsing Scales of Data into Elegant Renderings

By aligning the data of all scales to physical locations in the HMI, the experience becomes a **digital “twin” of the world**. Everything from license plate number to the sun in the sky is mapped, and utilized to convey how aware the system is of the world, a key indicator of users trusting the system to be in charge of driving and their safety.

