

Meta Glasses Prototype

Role: Visual & Prototype Design Lead |
Executive Summary Author

Problem

Language barriers and long interpreter wait times between healthcare providers and Spanish-speaking patients often lead to miscommunication, reduced trust, and unequal access to care.

Overview

The Meta Glasses Prototype is an AR-based health technology concept designed to improve real-time communication in clinical settings. It uses live translation overlays to help providers understand and respond to patients without breaking eye contact.

Prototype

Developed the core tap-to-translate interaction and a conversation transcript history mobile application, emphasizing seamless bilingual communication.

Impact & Future Potential

Meta Glasses demonstrate how human-centered design can improve accessibility and health outcomes for bilingual communities. Future development could include integration with EHR systems and testing among bilingual healthcare professionals for usability and impact.

My contributions

- Authored the 1-page executive summary and final narrative.
- Owned all diagrams, screen mocks, and flows.
- Prototyped the translation interaction on wearable hardware.

Outcomes

- Validated the concept with task walkthroughs.
- Defined success metrics and risks for a pilot.
- Shipped a demo illustrating end-to-end flow.

Tools

Figma, Python, Meta/AR SDK (prototype), Adobe.