

Innovative Electric Vehicle for Elderly and Disabled Care

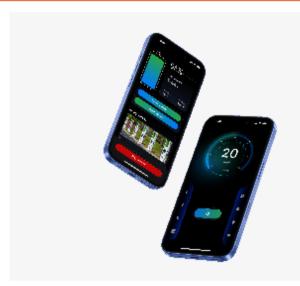
A groundbreaking electric vehicle designed to prioritize comfort, safety, and accessibility for elderly and disabled individuals.



Revolutionizing mobility with autonomous driving, wheelchair accessibility, and advanced safety features

Problem Statement

- · Limited accessibility in traditional vehicles.
- Challenges in safe boarding for the elderly and disabled
- · Lack of effective communication systems in cars
- · Safety concerns like blind spots and braking delays
- Insufficient storage and auxiliary features in existing models





Research

Analyzed user needs and gaps in vehicle accessibility

02 Ideation

Brainstormed 15 innovative concepts for autonomous EVs



03 Concept Development

> Designed 5 accessible EV concepts with CAD prototypes



Integrated wheelchair lifters, safety tech, and auxiliary features

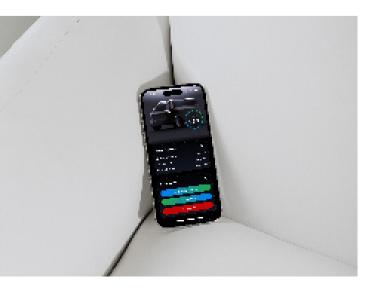




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Delivery

Delivered a fully autonomous EV designed for accessibility

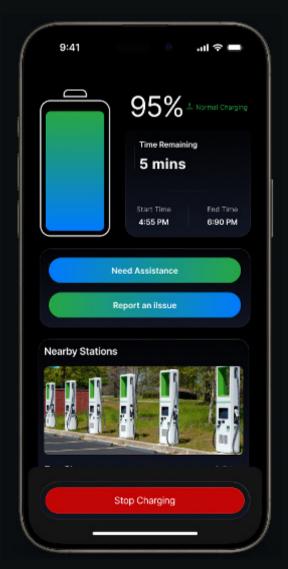


Results & Outcomes

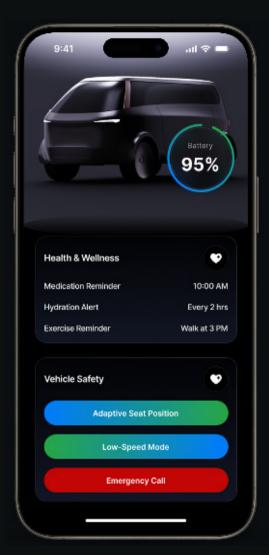
- Designed an electric vehicle for the elderly and disabled
- Created 15 ideas, refined to 5 concepts with 2 CAD designs
- Enhanced safety with autonomous driving and automatic braking
- Improved accessibility with wheelchair lifters and side cameras
- Delivered a user-friendly dashboard for convenience and communication protection

A Glimpse into Our Visuals

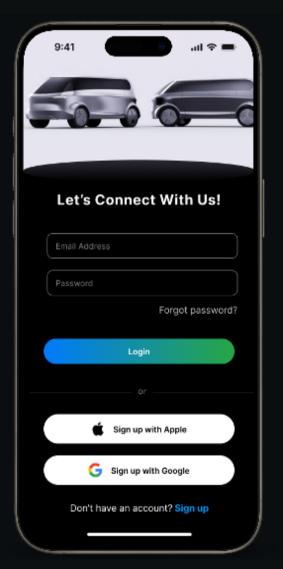




Battery Details



Device Details



Account Creation

