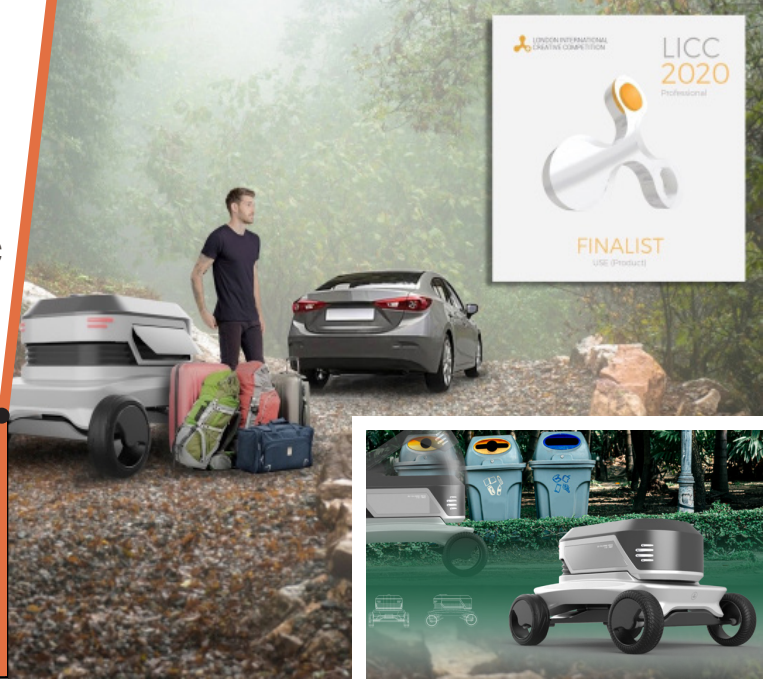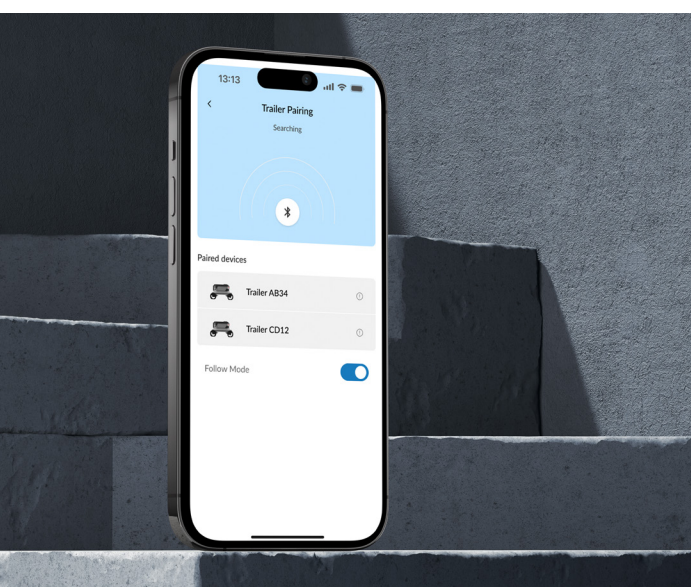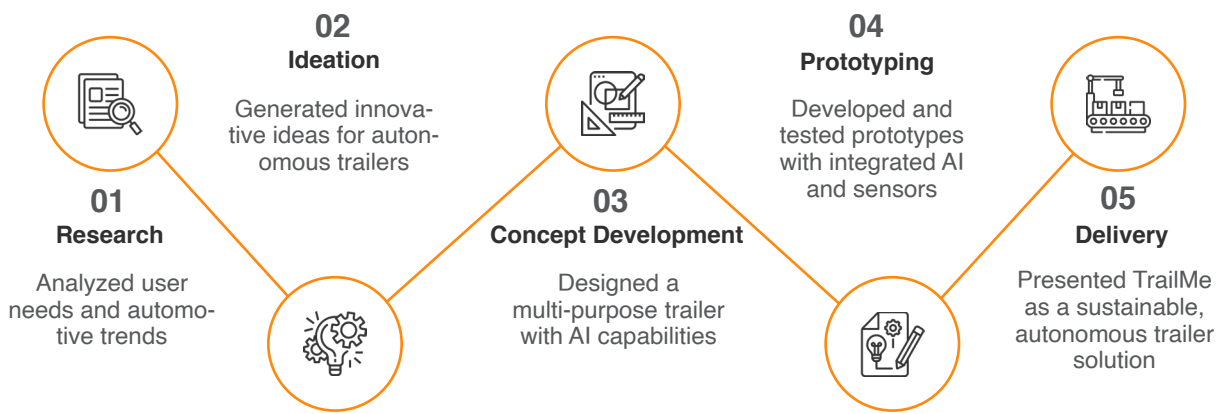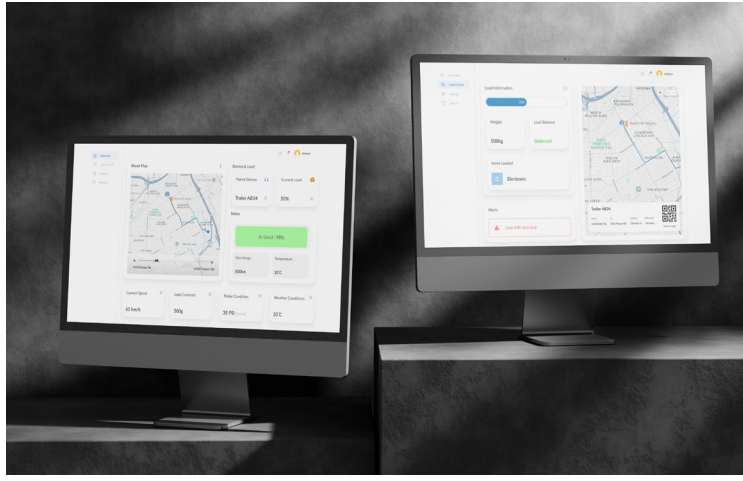# TrailMe Autonomous Electric Trailer

TrailMe is an autonomous electric trailer that pairs with vehicles for seamless, safe, and sustainable baggage transport using advanced AI and sensor technology.

Designed with sustainability in mind, TrailMe offers wireless charging, autonomous operation, and multi-purpose functionality to simplify transportation and reduce environmental impact.
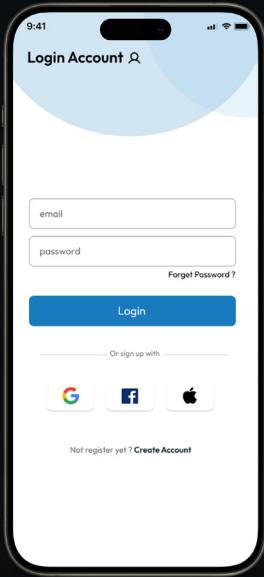
Problem Statement

- Trailers lack automation and efficiency
- Sustainability in trailers is overlooked
- Safety features are insufficient
- Trailers are not versatile
- AI and wireless tech are underutilized

02
Ideation
Generated innovative ideas for autonomous trailers

04
Prototyping
Developed and tested prototypes with integrated AI and sensors

01
Research
Analyzed user needs and automotive trends

03
Concept Development
Designed a multi-purpose trailer with AI capabilities

05
Delivery
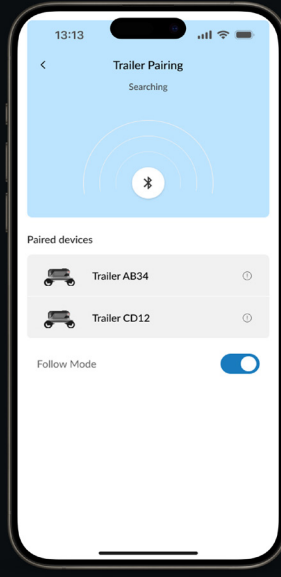Presented TrailMe as a sustainable, autonomous trailer solution

Results & Outcomes

- Introduced wireless charging for hassle-free operation
- Integrated AI and sensors for safety and autonomous functionality
- Designed a sustainable, fully electric trailer
- Expanded potential use cases: street cleaning, delivery, and logistics
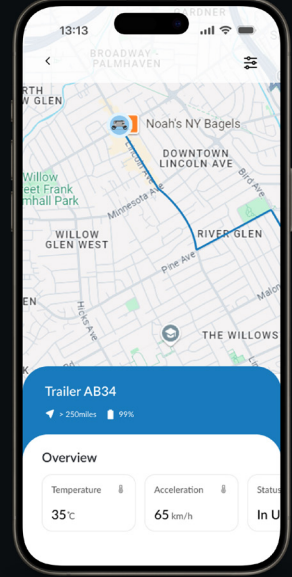- Enhanced user experience with seamless pairing to vehicles
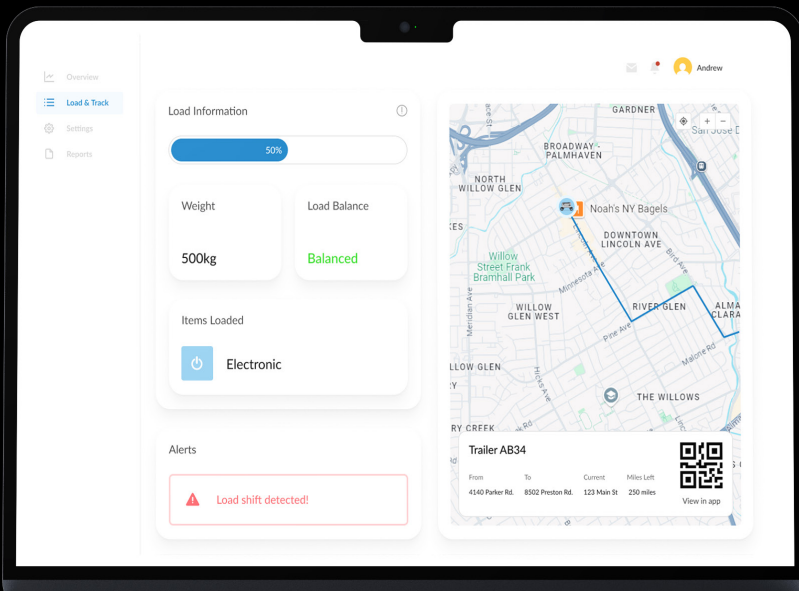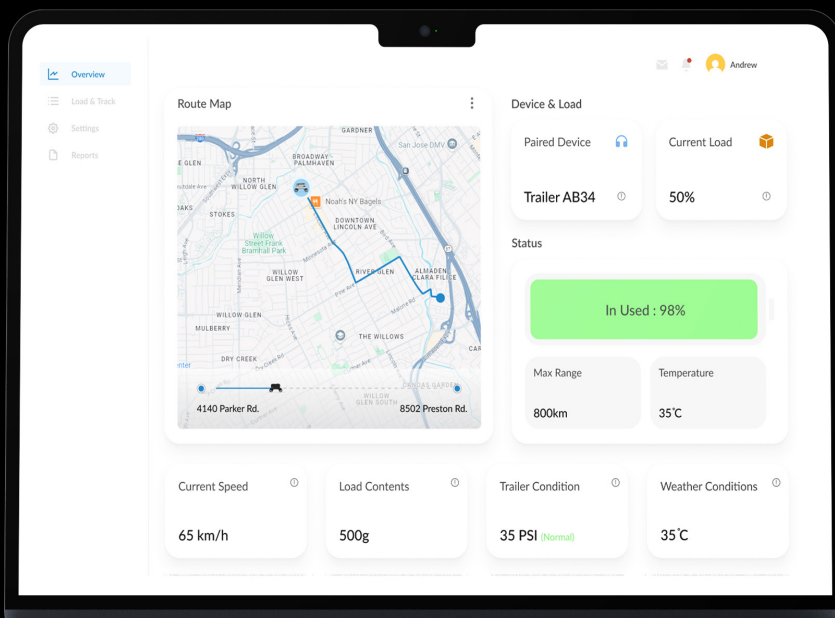
A Glimpse into Our Visuals

Account Creation

Trailer Connection

Trailer Details

Main Dashboard Interface

Load & Track Dashboard

Let's Talk!