FoodLink | Intelligent Rescue System 🍲

CS Student Project: Sustainable Urban Logistics
FoodLink is a mobile-first solution that manages surplus food lifecycles using automated routing logic. This project demonstrates system design, algorithmic routing, and responsive frontend engineering.

🛠️ Technical Highlights

- **QCU Algorithm:** A logic-driven engine that evaluates food quality scores (1-100) and routes data to Human Relief, Animal Feed, or Compost streams.
- **Safety Gate Interceptor:** Implemented interrupt logic to halt listings that fall below safety thresholds, ensuring 100% simulated safety compliance.
- **Responsive Architecture:** Built with HTML5, JavaScript (ES6), and Tailwind CSS for cross-platform performance.

📊 Impact Metrics

- **Logistics Efficiency:** Automated routing eliminates manual decision-making in the redistribution chain.
- **Sustainability:** Real-time CO_2 diversion analytics for administrative auditing.

Developer: Amrutha AL **Live Web Demo**