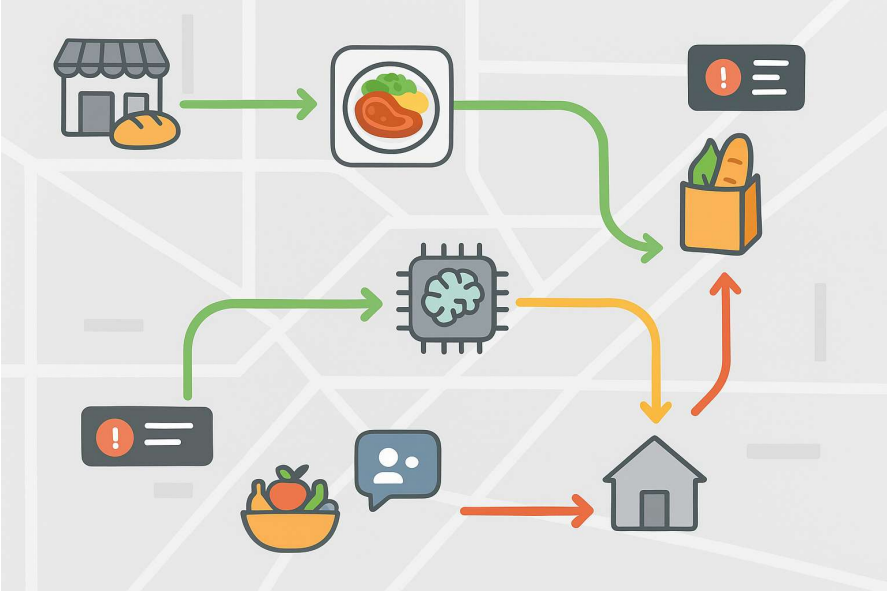
Experimentation Phase

"The Food GPS" Analogy

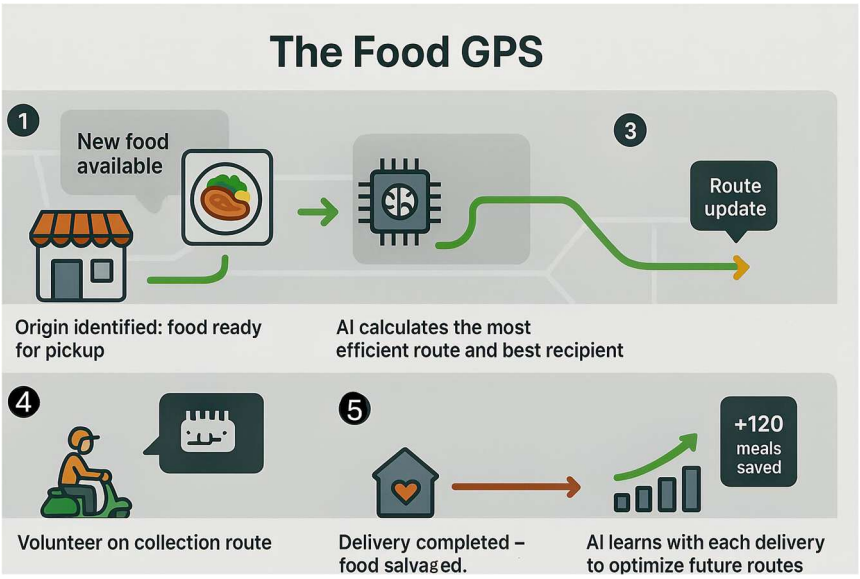
Just as a navigation system guides a car from point A to point B, "The Food GPS" would guide surplus food from **its point of origin** (restaurants, supermarkets) to **its best destination** (families or community centers in need).



The **map background** represents the operational area; the **food icons** symbolize the available surplus (e.g., meals, fruits, or groceries). The routes are promptly **color-coded:** Green – fast and available routes; yellow – moderate delay or alert; red – urgent, risk of waste. **Destinations:** households, NGOs, or community hubs. The **notifications** and the **AI symbol** indicate real-time decision-making and route optimization.

Experience Storyboard: "The Food GPS"

To move from concept to experience, a second prototype – the **storyboard** – was developed to illustrate the **complete process**.



Food available: a restaurant or shop registers surplus food on the platform. **Route calculation:** the AI suggests the optimal route and best recipient based on proximity, availability, and urgency. **Pick-up and notification:** volunteers receive real-time alerts to collect and deliver the food. **Delivery and update:** successful delivery is confirmed, and the system updates the status, learning from data for future improvements.

Integrated Prototype Visualization

Finally, a **combined visual storyboard** was created to summarize the logic, experience, and feedback loop of the "Food GPS."