

Basic Details of the Team and Problem Statement

Problem Statement Title: Vendor Digital Presence

Team Name: Dev Scripters

Team Leader Name: Sapan Desai

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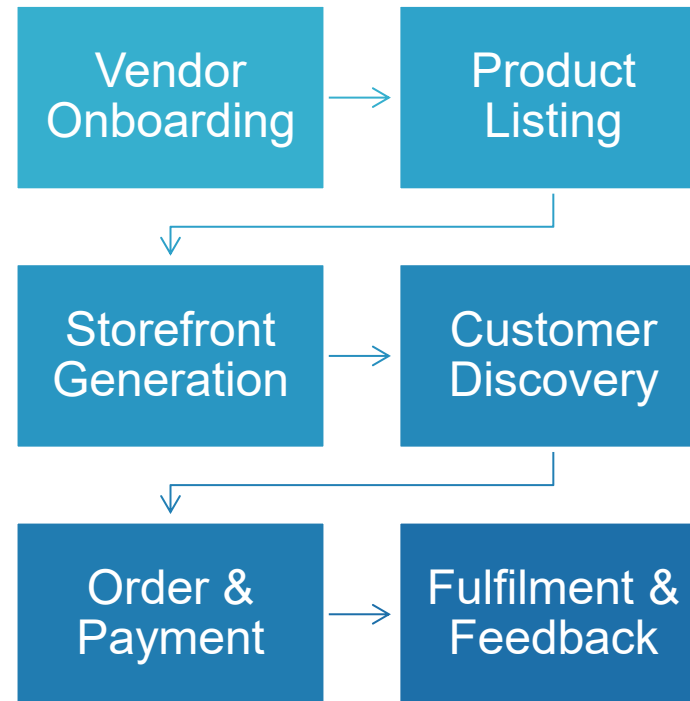
Track Name: Track - 2 (Web 2.0)

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Solution

- Lightweight digital storefront for street vendors & micro-sellers
- Enables vendors to create online shops in minutes
- Provides geo-based vendor discovery for nearby customers
- Supports UPI payments and Cash-on-Delivery
- Works on low-end smartphones and supports multiple languages

Process Flow



Technology Stack

- **Frontend:** HTML, CSS, JavaScript
- **Backend:** Node.js with Express
- **Database:** MongoDB
- **Maps:** OpenStreetMap
- **Payments:** UPI Gateway (Razorpay)
- **Hosting:** GitHub

Use Cases

- Street food vendors listing daily menus
- Small grocery stores offering home delivery
- Local service providers (tailors, electricians, etc.)
- Event-based vendors increasing seasonal visibility
- Rural vendors reaching nearby urban customers

Dependencies

- Dependence on stable internet connectivity
- Limited map accuracy in rural areas (OpenStreetMap coverage)
- Payment failures due to UPI
- downtime or bank issues
- Users unfamiliar with digital payments or online ordering

Mitigation

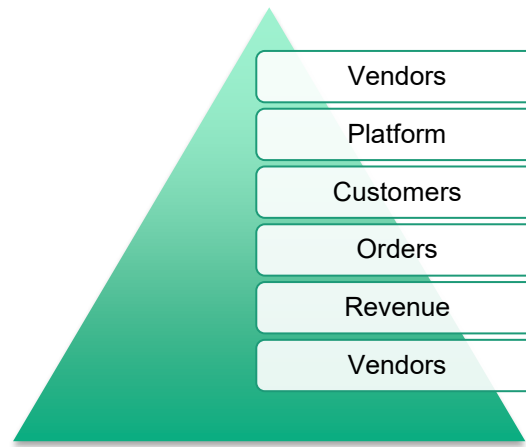
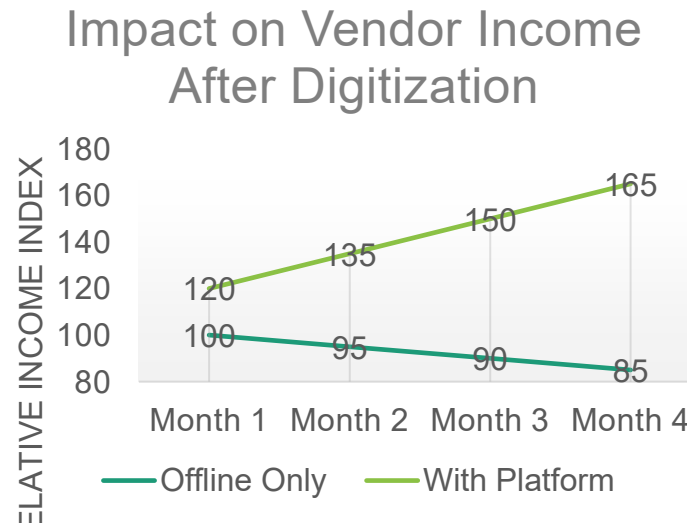
- Offline-first UI with local data caching and retry sync
- Allow manual location pin adjustment for vendors
- Fallback to Cash-on-Delivery if UPI fails
- Simple onboarding and guided UI for first-time users

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Business Potential

- Hyperlocal commerce market growing rapidly
- Monetization via:
 - Premium storefront features
 - Logistics partnerships
 - Advertising local promotions
- Scalable across cities and vendor categories

Graph



Social & Economic Impact

- Increases vendor visibility by 3×
- Boosts income by 20–40%
- Reduces dependency on physical footfall
- Promotes digital inclusion

Uniqueness / Novelty

- Designed specifically for micro-scale vendors
- Zero-cost, low-learning solution
- Works even on low-end phones
- Combines discovery + storefront + payment in one platform