

# < PU CODE HACKATHON 3.0 >

## **Basic Details of the Team and Problem Statement**

**Problem Statement Title:** Vendor Digital Presence

**Team Name:** Dev Scripters

**Team Leader Name:** Sapan Desai

**Institute Name:** Smt.Chandaben Mohanbhai Patel Institute of computer application , CHARUSAT

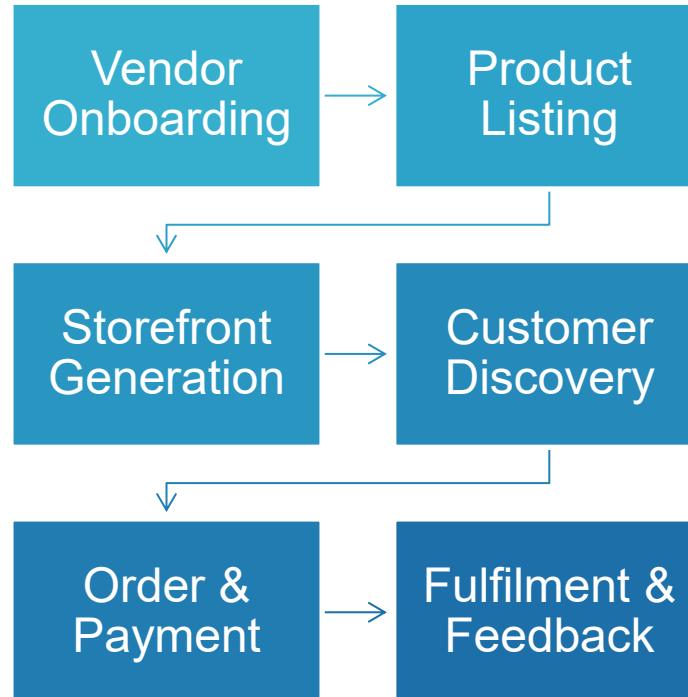
**Track Name:** Track - 2 (Web 2.0)

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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

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## 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

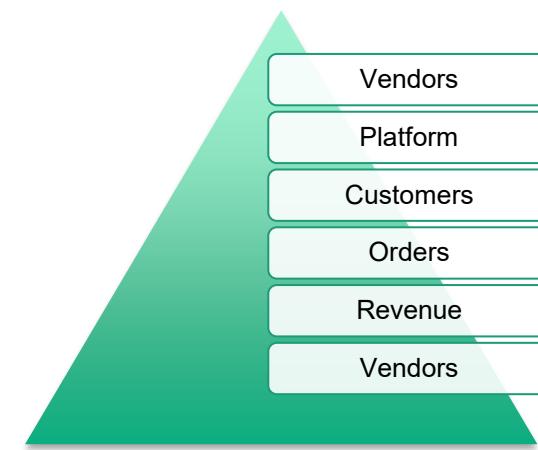
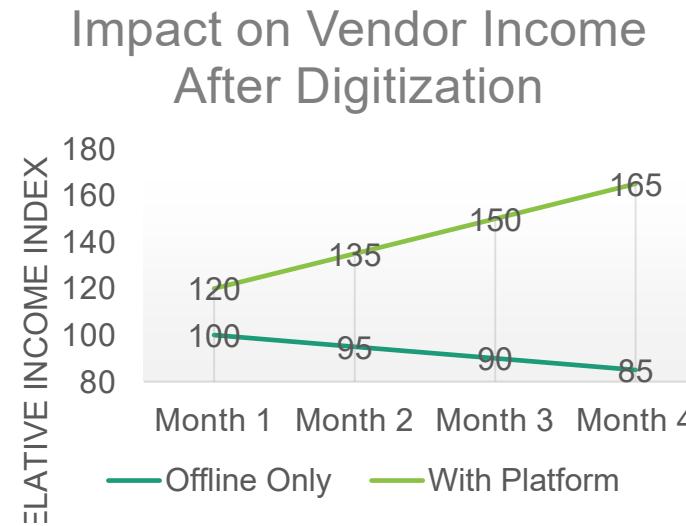
- Offline-first UI with local data caching and retry sync
- Allow manual location pin adjustment for vendors
- Fallback to Cash-on-Delivery if UPI fails
- Simple onboarding and guided UI for first-time users

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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 3x
- 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