



Vendorly



Theme : street vendor empowerment



Kalam Pragati Buildathon



participant:
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github:
[https://github.com/pacificDeveloper
Prakhar?tab=repositories](https://github.com/pacificDeveloperPrakhar?tab=repositories)

Our Goal And Vision





- **Empower** vendor engagement in alignment with government policies and local development initiatives.
- **Encourage digitalization** among vendors to improve **hygiene practices** and operational efficiency.
- **Promote renewable energy** usage to reduce environmental impact and operating costs for vendors.
- **Support local vendor profitability** using a Resource Monitoring System and Geographic Demand Mapping
- **Improve tourist and user experiences** through better quality of services and organized vendor ecosystems.
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- **Reduce waste while increasing profit margins** for vendors through smart resource management

Key Features of the idea

- A colab with government ,
- scoring system based on hygiene, customer service quality of food , several other factors
- scoring enables vendors :
 - Permits to operate in new areas
 - Access to government reward schemes and policy-based incentives
 - Discounts on resources or services as motivation for sustainable practices
- AI-Powered Demand Mapping using the RAG (Retrieval-Augmented Generation) technique to analyze:
 - High-demand products in real time in which areas and hour
 - Peak business hours based on historical trends
 - item demand recommendation on basis of weather
 - Geographic mapping of food and resource demand across different areas

- PM SVANidhi integration using API to connect vendors with government schemes and benefits.
- introducing bartering system to enable the vendors share unused items for recycle by creating a platform

implementation overview

-  AI Engine using RAG (Retrieval-Augmented Generation) with LLM
- Powers the recommendation system by analyzing historical trends, weather, location data, and unstructured insights to suggest high-demand items and optimize inventory
-  Government Policy & PM SVANidhi API
- To integrate vendor access to schemes, rewards, and government benefits.
-  Automation Tools
 - Send SMS recommendations to vendors based on demand and trends
 - Trigger hygiene/low score alerts with tips and links to relevant government policies
 - Increase awareness and encourage compliance through real-time messaging
-  **Resource Demand Mapping API**
 - **Used to identify product/resource needs by location and time patterns.**

Overview of Solution

Automated system ,sms and whatsapp service

we will ensure the vendors with low end devices are able to participate

a platform for vendors

Venderly
colab with government
a platform for vendor

scoring system for vendors

scoring system

customer review on google map
and other platform will increase the score

vendor uploading pic of dustbin nearby the
shop daily or once in a while uploading pic of hygiene
near them to increase the score

maintaing food quality by getting fssai
credit approval which can be done
with ease using our platform

Map



banana sales high near
sector 2

a recommendation mapping demand of items
across the city

benefits

- >ease in getting top spots around the city
- > enjoying government schemes and new rewards

Thank You

I am an ambitious and passionate individual who has worked on multiple freelance projects and real-world solutions.

I truly believe in this idea's potential to drive meaningful change — by empowering vendors, enhancing user and tourist experiences, and promoting smart, sustainable growth.

** Choose us, not just for the idea —
but for the energy, creativity, and commitment we bring to the table.**

Let's build something impactful together!