

TEAM: Shenanigans(SIH1509)

Problem Statement:

Micro and Small Enterprises (MSEs) face significant obstacles in expanding their market reach and optimizing their operations. Challenges include limited access to potential customers, inefficient logistics management, security concerns with transactions, a lack of data insights, and limited resources for growth. Ensuring data security and scalability remains a pressing issue. The absence of a unified platform exacerbates these challenges, hindering the MSEs' growth potential.

Solution:

MSEConnect, the mobile app, offers a holistic solution addressing these challenges. SMEs can transcend geographical limitations by presenting their offerings to a wider audience through the app. Direct communication capabilities foster trust and customer relationships, while optimized logistics improve customer satisfaction. Secure payment processing protects both businesses and customers. Data analytics and growth resources enable MSEs to make informed decisions and access support for expansion. Robust data security measures instill confidence and Ministry support provides guidance and access to government programs. MSEConnect revolutionizes MSE operations, driving growth, innovation and economic development by prioritizing data security and scalability, reshaping the MSE landscape.

Machine Learning Recommendations:

Use data from past orders to train a machine learning model.
Offer personalized product recommendations to users based on their order history, improving the shopping experience.
Subscription services:

Work with MSEs to introduce subscription-based services.
Regular customers can subscribe to specific MSEs and benefit from discounts, promoting customer loyalty.
Sales analysis:

Implement graphical representations of product sales.
Users can access visual graphs to make informed decisions on popular and trending products.