Marketplace hackathon   Day #01

Introduction

My hackathon project addresses the critical issue of fake Products in e-commerce Platforms, Specifically in Pakistan. The Project aim to build a reliable and trustworthy System that ensures genuine products and authentic Sellers for online Shoppers

This project is designed for an e-commerce Store that introduce a Verified Seller System and Product reviews/ratings, helping Customers make informed decisions and promoting trust between byers and Sellers.

Project Overview

The Objective of this Project is to Provide a Secure and authetic Shopping experience for Customers. It focus on:

1) Eliminating Fake Products:
   Ensuring only genuine products are available on the Platform.

2) Building Customer Trust:
   Introducing a verification process for Sellers and a review System for Products.

3) Encouraging Transparency:
   Allowing Customers to Share honest feedback through ratings and reviews.

{ * This System not only benefits Customers but also motivates Sellers to maintain their Credibility }

Key Features Of the Platform

1) Verified Seller System:
- Ensures authenticity by making trusted Seller with a badge

2) Product Review & Ratings:
- Provides Customers with honest feedback about Product and Sellers.

3) Admin Control.
- Allows the platform administrators to manage Seller Verification and product feedback effectively.

Problem Statement

In Karachi, and across Pakistan, people face the following challenges on e-commerce platforms:

1) Trust Issues:
Customers hesitate to buy due to unverified Sellerr and fake products.

2) NO Accountability:
Sellers often escape scrutiny as there is no verification process in place.

3) Lack of Reliable Feedback:
Customers have no reviews or ratings to rely on for product quality or Seller Credibility.

Solution

To resolve these issues, the Project introduce the following features:

1) Verified Seller Badge:
· Sellers undergo a verification Process by Submitting document to prove the authenticity

· Verified Sellers are marked with a badge to help Customers identify them easily.

2) Product Reviews & Ratings:
Customers Can leave honest feedback after purchasing a product.

Reviews and rating ensure transparency and help other make informed decisions.

STEPS FOR Solution

Data Schema Dsign

1) Uses (Customer & Seller):
   - Attributes: Name, Email, Role (Custome/Seller), Verified Status.

2) Product:
   - Attributes: ProductID, Name, Price, Seller ID, Rating.

3) Review:
   - Attributes: Review ID, ProductID, USER ID, Feedback.

4) Verification Request:
   - Attributes: Request ID, Seller ID, Status, Documents.

Relationships between.

- Uses → Product: A Seller Lists products on the platforms.
- Product → Review: Each product has review and rating
- Uses → Review: Customer write reviews for Purchased Produts
- User → Verification Request: Sellers Submit Verification request to earn the badge.