

# TECH EXPO 2026 – A PROJECT EXHIBITION CUM COMPETITION

ShopLens — Digitizing Local Markets, Not Replacing Them

## PROBLEM STATEMENT

- Local shoppers don't know product availability nearby.
- Multiple shop visits waste significant time and physical effort.
- Small physical vendors lack digital visibility against e-commerce giants.

## PROJECT OVERVIEW

**Mission:** ShopLens is a hyperlocal commerce engine that digitizes local shop inventories for instant discovery.

**Scope:** Targets urban clusters with dense retail populations across grocery, electronics, and fashion sectors.

KEY FEATURES
Live product availability
Local shop discovery
Category-wise browsing
Lightweight seller dashboard

## REAL-WORLD USE CASE

Example (Electronics): A user searches for a specific “Type-C Fast Charger” → System identifies 3 nearby stores with stock → User selects the closest shop → Local purchase completed instantly.

## TECH STACK & PROJECT STATUS

**Tech Stack:** React, Node.js, Express, MongoDB, Maps & Location APIs  
**Project Status:** Working Prototype • Seller & Customer Panels • Real-time Stock Sync

## TEAM MEMBERS

Shashwat Dixit (Team Lead)  
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