

Project Name:	Theft Alert: Developing an Intelligent Detection System for Supermarket Security
Team:	Mission Possible
Project Description:	The Supermarket Theft Detection System is a cutting-edge solution that utilizes advanced computer vision and machine learning algorithms to monitor and analyze customer behavior, identifying potential theft incidents in real-time. The system integrates with existing CCTV cameras for real-time video monitoring, detects objects being removed from shelves, and uses facial recognition to identify repeat offenders. It sends real-time alerts to security personnel via mobile app or email, enabling prompt response to potential theft incidents. Additionally, the system provides detailed analytics on theft incidents, allowing supermarket managers to identify patterns and trends, and make data-driven decisions to improve security protocols.
Benefit Outcomes:	Reduction in Theft and Losses, Enhanced Store Security, Cost Savings on Security Operations
Github Link:	https://github.com/htmw/2024F-Team4/wiki