

PDS THEFT DETECTION

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Abstract

The "PDS - Ration Shop Theft" website enables efficient and transparent management of ration shop operations within the Public Distribution System (PDS). This web-based platform is designed to tackle common issues such as theft, mismanagement, and irregularities in the delivery of essential commodities like rice, wheat, sugar, and kerosene. Administrators have the ability to create and manage multiple ration shops, schedule deliveries, and assign unique sack numbers to each shipment, ensuring accurate tracking and accountability throughout the supply chain. By maintaining a digital record of all scheduled deliveries and their contents, the system reduces the scope for manual errors and unauthorized diversions. Ration shop workers are provided with secure login credentials, allowing them to access their shop's delivery schedule in real time. Upon receiving goods, workers can cross-check sack numbers with the scheduled data, and if any discrepancies such as missing or incorrect sack numbers are identified, they can report them instantly through the platform. These reports are immediately communicated to the Admin via system alerts, enabling timely investigation and corrective action.