

The Canteen Management System automates meal distribution through biometric face/RFID access. Employees punch at the device, the system detects the meal based on the time slab, and prints a meal slip. Duplicate meals are automatically blocked. It supports multiple employee categories with separate meal timings, and also allows visitor meal entry through a web portal. With access control integration only authorized users can enter the canteen, ensuring one meal per person per slab. Admins can monitor live meal counts and view real-time consumption.

BENEFITS

- ✓ Real-time monitoring of meal counts and employee punches.
- ✓ Automated meal distribution – no manual tokens
- ✓ Prevents misuse with biometric/face/RFID verification
- ✓ Category-wise meal timing ensures crowd control
- ✓ Access control integration allows only authorized employees
- ✓ Accurate reporting for categories, employees, and visitors.
- ✓ Improves transparency and reduces operational workload.
- ✓ Supports visitor meals with easy web-based entry.
- ✓ Reduces food wastage through proper meal tracking.

REPORTS

- | | |
|--------------------------------|----------------------------------|
| ✓ Employee wise Report | ✓ Department-wise consumption |
| ✓ Meals wise Report | ✓ Category-wise meal consumption |
| ✓ Visitor wise Report | ✓ Exception-based meal claims |
| ✓ Daily/Weekly/Monthly Report | ✓ Access logs Report |
| ✓ Scheduled Auto-Email Reports | ✓ Custom Report Builder & more |



Admin

Key-Features

- ✓ On-Premise & Cloud-Based Hosting
- ✓ Multi-Location/Site Support
- ✓ Self-Service Module
- ✓ Access Control
- ✓ Automated Notifications & Alerts
- ✓ Define Multiple Employee Category
- ✓ Define Multiple Meal Slabs Category
- ✓ Customizable Reports & Analytics

Integration & Expansion

Visitor Management & Access Control Management System

Time Attendance & Leave Management Systems

Third-Party Software Integration – API support for enhanced compatibility.

PRE-REQUISITES

Server & Workstation Requirements

- ✓ Operating System: Windows 10 or Server 2016 & above
- ✓ Processor: Intel Core i5 or higher
- ✓ RAM: Minimum 8 GB & above
- ✓ Storage: 500 GB HDD
- ✓ Browser Compatibility: Chrome, Firefox, Safari
- ✓ Backend Database: MS SQL 2016 or above
- ✓ IIS Support: 7.0 & above