

# Solus Canteen Management System



## Introduction

Solus Canteen Management is a KIOSK based system which automates the canteen facilities in an organization. It creates a transparency between the Canteen vendor and the Employees of an organization. It also eliminates the necessity of physical cash reconciliation completely. The Solus Canteen Management System is designed in such a way that it simplifies all the canteen related process, facilitating quick and efficient operations to cover a larger section of employees within a specified time.

## Features & Benefits

### Canteen Management

Manages multiple canteen units like Food vendors, Food events with timings, Vendor wise Food counters with reader configuration for each counter, Food items with quantity limit, price and subsidies.

### Menu Management

Vendors can create menus with price details

### Food Planning

Tracks the consumption and wastage of food thus reducing the wastage of food.

### User defined rules

Restriction in time slots for food booking, food cancellation, event timings

### Canteen Guest Management

Manages Guest information, allows to book food for the guest by the Employee with approval from the approving authority.

### Advanced Booking Facility

Food can be booked in advance with required quantity

### Cashless transactions

Cashless transactions at the canteen counter with salary debit facility. The information flow from application to HRMS module is seamlessly integrated

### Audit Trail Log

All user activities are recorded for reporting purposes.

### Comprehensive Reporting

Enables to view countless reports of food consumption for different categories like Employee/Guest/Department / Vendor.

### Dynamic Reporting

Creates customized canteen reports such as:

- Simple Drag and Drop interface
- Multi level field search
- Report Emailing and scheduling
- Report sharing with multiple users
- Data visualization of all transactions

### Self Service KIOSK

Solus self-service KIOSK is an innovative solution for an easy-to-operate food ordering system for Employees in an organization. The KIOSK greatly helps the Employees in accessing the Canteen services in the organization without getting in long queues.

### Features

- Authentication by Employee / Guest Card.
- Easy selection of items using Touch Screen.
- Inbuilt dual printer facility
- Time slot wise restriction for the Event /Item's availability.
- Notification regarding missed attendance punch, already consumed.

## Technical Specifications of Self Service KIOSK

Operating System	Android
Processor Manufacturer	Amlogic
Processor Core	Dual core
Flash Memory Capacity	4 GB
Screen Size	10.1"
Screen Mode	Normal
Screen Resolution	1200X800
Backlight Technology	LED
Power Supply	18W
Weight(approx)	12kg
Height	1110mm
Width	400mm
Depth	250mm
Memory Card Reader	Yes
Memory Card supported	Yes, Micro SD Card
Touch Screen	Yes
Wi-Fi	Yes
Bluetooth	Yes
HDMI	Yes

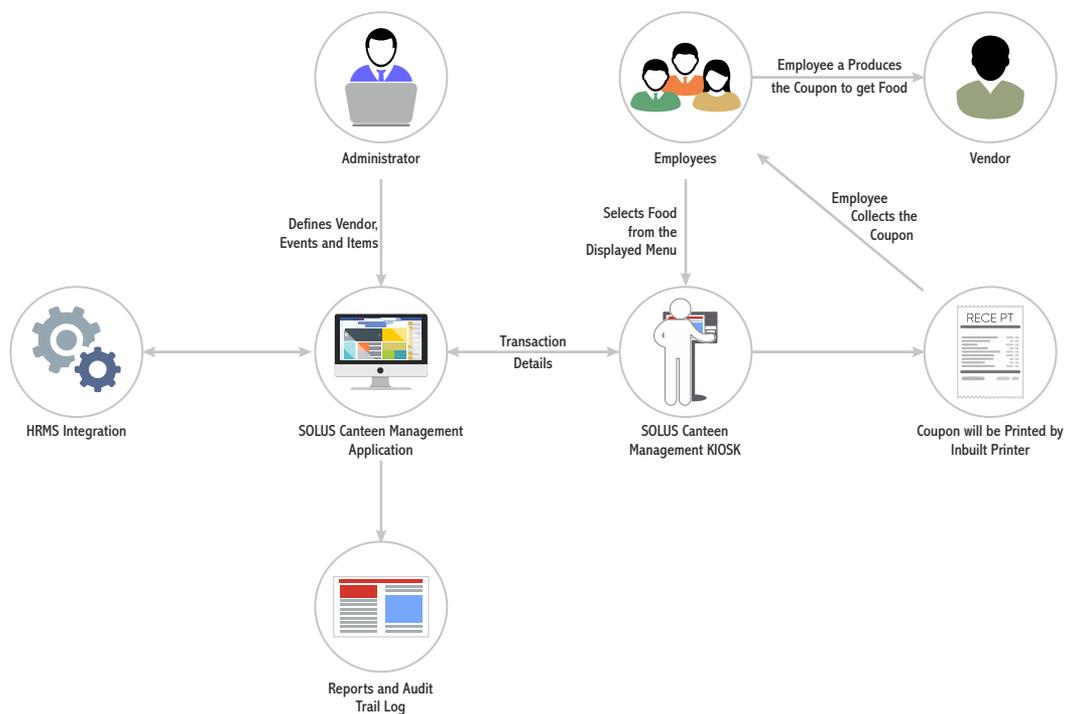
## Workflow

- Food will be served only during the scheduled hours.
- Based on the Event type, the food items will be displayed on the KIOSK screen.
- The Employee has to select the food items as required with quantity.
- After selection, the Employee has to swipe the card at the Reader.
- The Employee details along with the total amount will be displayed on KIOSK screen.
- The inbuilt printer prints the coupon/receipt of food.
- The coupon/receipt has to be shown at the food counter to consume food.
- Employees can also rate the food which was consumed in previous bookings.

## Benefits

- Hassle- free cash and coupon management
- Fast and efficient service
- Eliminates accounting errors
- Reduces food wastage
- Eliminates long queues for ordering food and thus saves time

## Architecture Diagram



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