

Problems that exist currently within the canteen:

- 1.) Canteen runs out of stock and does not notify users of this.
- 2.) The cafeteria is currently cash only and does not accept bank cards or electronic payments.

Solutions offered by system

- 1.) Statistics provided by system – i.e. most popular menu and stock items so that the cafeteria manager can be aware of what items shock constantly be in stock. A report of the meny items sold can also viewed. Graphs can also be viewed for the amount of inventory items used for customizable periods of time.
- 2.) The system allows users to have the options of paying on credit or using cash. If the user pays with credit the user can further configure whether the bill will be sent to finance or to his/her personal email account. If he/she selects to have the bill sent to finance, the amount be deducted from the user's salary.

Main features

- 1.) Add to plate, place order and receive notifications by email and on the notifications page stating whether the order is still pending or ready.
- 2.) Cafeteria Manager can add menu categories, menu items, inventory items and menu images hence a very dynamic menu system is created.
- 3.) Statistical information – cafeteria manager can:
 - generate report of menu items sold
 - Display most popular menu items
 - Display the amount of the inventory items used
- 4.) All users can view their own spending history
- 5.) Finance manager can generate invoice of orders placed and the total for a customizable period of time
- 6.) Auditing features – superuser can view and trace all actions performed on the system.
- 7.) Superuser can configure maximum user spending limit.
- 8.) Cashier can process transactions by marking orders as ready and as “paid”
- 9.) Admin features – superuser can assign roles to employees (i.e. the roles of finance manager, cafeteria manager, cashier and user), remove employees from the system, change employee Ids, set the system maximum spending limit,
- 10.) Branding features – change canteen name, colour scheme of the system, contact information, picture carousel on home page
- 11.) Help alerts on each page – to add extra information regarding various actions that can be performed on the different pages.

12.) Other: forgot password, change password, edit profile, sign up, sign in