

Online Delivery System for Community Centre, IITJ

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We propose the following solution for this problem statement.

User Registration:- Users (customer/shopkeeper) can register in the system. Registration would require the following details of the users.

For Customer: email(only IITJ), contact number, name, password

For Shopkeeper: email, contact number, name, name of shop, password, account number, IFSC code, Bank Name, shop description, allowing for rent(tentative).

OTP authentication(tentative).

Login:- It will require user-id and password to enter the system (separately for customer, shopkeeper and moderator). There would be separate email assigned to moderator; for customers only IITJ emails are allowed to login.

After Customer Login:- A screen would be displayed with the names of various shops and description, and on selecting a shop, products of that shop are displayed, a search option which will work on the basis of keyword matching would also be present.

After adding items to cart, customer can proceed to checkout; details like preferred delivery slot and preferred delivery location would be asked. There would be 3 payment options which include:- cash on delivery, credit and wallet. Wallet is some sort of prepaid balance. On selecting the cart, order summary and total amount would be visible with an option to checkout. Email verification on orders(tentative)

After Shopkeeper Login:- A screen would be displayed to edit/add various items available in the shop. It will also display balance to collect from moderator.

It will also include a function called declare leave, which will declare a particular day off for the shop. No orders will be entertained on that day. It will automatically send an email to all the people registered in the network with a custom message.

After Moderator Login:- A screen would be displayed with features including generate csv(excel sheet) which will generate an excel sheet with log of all transactions within a time frame.

Other features for moderator include collect payment from delivery boy, pay shopkeepers (pay shopkeepers the amount due), mark users defaulters (those users who are not paying their credit on time, such users will be fined or will not be allowed further delivery facility), assign a delivery boy to each item, collect credit payment from customers.