

## Multi-Vendor Ecommerce System

A client is in need of an ecommerce system(grocery shop) for his products such that they can be bought online. Each product has a name, price, description and image. The client would like these products to be liked and added to a product wishlist depending on a customer(buyer) preference. All these grocery products have categories like fruits,meats, snacks etc.

Customers first register using the system before they make an order using their email address, contact, password and location. A customer can make an order of apples, bananas,cakes and more in different quantities and these are pending orders. Once the customer effects payment of his or her orders they will be sent to the client who is the admin.

For each order made, the client would like to receive these orders and later update the order status to confirmed, once an order has been confirmed, the customer order is delivered by delivery-men.

On the same platform, sellers(vendors) can also sell their individual products(They can sell cakes of all types i.e. birthday cakes, wedding cakes and more and will always receive buy requests for each product order made by a customer.

Each cake has a name, category, image, price, description and their recipes.

- 1) Using a relational database management system, create a database with all the required tables and perform actions that would be required.
  - i) Insert the required data in all tables.
  - ii ) Make orders for a few products.
  - iii) Select all products posted by the client(admin)
  - iv) Select all products posted by the vendors.
  - v) Select all users from the system
  - vi) Select all users with a user-type of vendor(seller)
  - vii) Select all users with a user-type of admin and buyer