

Lab10	IT618 Enterprise Computing
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This is two week long lab.

In this you extend work of lab 09, and implement following additional use cases

- a. Customer Registration
  - b. Login
  - c. View: all items with [Add to Cart] buttons
  - d. View: all items for a category with [Add to Cart] buttons
  - e. View Cart with update options
  - f. Save Shopping Cart – gets reloaded when user logs in next time
  - g. Place order
  - h. Simulate “Make Payment”
2. For that you may implementing following classes (May make necessary assumption)
    - a. **CartItem**. This class basically wraps following fields (Item Code, Item-Description, Order-Qty, and Order-Rate).
    - b. **ShoppingCart**. Objects of this class basically hold a collection of cart items.
    - c. **Customer**. Wraps basic customer details
    - d. **Order**. Order is basically extension of Shopping Cart that holds following additional data- Order Number, Customer, Date, and Total Amount.
  3. Create DAO classes for saving Customer and Order. Assume necessary table schema for Customer and Order.
  4. Implementation guidelines
    - a. Follow MVC
    - b. Follow Single Controller Strategy
    - c. Filter based authentication
    - d. Try giving consistent and good look to all views –may through some CSS file
    - e. Optional: have beans for shopping cart, and customer and use in respective views.