# Week5 Project

**Requirement:**

1. Implement the functionality of a shopping site one the fore ground.
2. Use ExtJs, SpringMVC, Spring JDBCTemplate and Oracle.
3. The main functionalities include but not limit: Register, Log in, select to cart, buy and check the order detailed information.
4. Use a filter to prevent the black user lists (“Johns”, “Scott”) to log in.
5. Use a listener to count how many users online.
6. Use the Spring Validator to validate the user input on Java side, and also we need the JavaScript validation on the pages, Not validate all items, just necessary.
7. Add Spring transaction to meet the transaction ACID for the update operation.
8. Do not consider paying an order online, just cash on delivery.
9. UML not required. May similar as the model of second week.

**Deadline:**

Before next Monday

**Purpose:**

More practice ExtJs, SpringMVC, Spring JDBCTemplate and Oracle

**Presentation:**

The team leader will give an introduction to your project and give the demo. Team members try to finish the requirements on group. But each member should finish at least one part of the project. And give a list showing who finished which part.

**Review Point:**

Required Functionalities.

Unit Test and Codes structure

Code Convention (Package, Comments) and code structure.

TODO LIST:

1. UI –Baste & YUME
   1. Main Page
   2. Login
   3. Registration
   4. Order History - kanen
   5. Order Details - kanen
   6. Admin
2. Backend –Alexis ,JB, Aica
   1. Controllers Alexis
      1. Order
      2. User
      3. Product
         1. getProductList
   2. Bean
   3. Model
      1. User
      2. Order
      3. Order\_items
      4. Product
   4. JUnit
      1. Atleast 6
      2. Load Testing
   5. Utilities
      1. Validator
      2. Config(get) (create)
   6. Service(DAO&DAOIMPL)(JDBCTemplate) - Aica
      1. Order
      2. Product
      3. User
   7. Transaction Block - Aica
      1. Order – Order\_Items
   8. Listener & Filters
   9. Log4J - JB
   10. Captcha