

Project Demo

Group: Team5

Members:

- 1. Karthik Mahesh (A20383027)**
- 2. Prudhvi Raju Gottimukkala (A20381478)**
- 3. Jagruti Vichare (A20378092)**

Functionalities covered:

- Search and browse products, put products into a shopping cart, and place an order (customer)
- Add/Delete/Modify a credit cards and addresses (customer)
- Add/Delete/Modify a product and product pricing (staff)
- Add stock to a warehouse (staff)
- Store information about suppliers in the database (staff)
- shopping cart for a customer that stores the items the customer has selected so far and their quantity
- Maintaining shopping cart between sessions
- List products based on state mentioned in deliver address
- Once an order has been placed, the available quantity of products in the warehouse in the customer's state and the available balance should be reduced accordingly.
- show images for products
- Staff members can add products to individual warehouses (staff)
- When new stock is added to a warehouse check that the total size of all products stored in this warehouse does not exceed the size of the warehouse.

Steps to run in Eclipse:

Tomcat version needed: Apache Tomcat v9.0

Steps to run in eclipse:

- Go to File -> Import -> Web -> WAR file
- Browse the location of the war file shared in this folder and click finish.

- Right click on the project. Click on 'Run As -> Run on Server.'

Sample customer credentials:

Username: kmahesh

Password: karthik

Sample staff credentials:

Username: A001

Password: test

Steps to view source code:

We have also shared the source code in a separate folder.

Copy all the files inside OnlineShopping folder and replace with the OnlineShopping folder of the Eclipse.

ER-Model (describe each member's contribution):

- **Karthik Mahesh**

Designed ER Diagram for the Entities Customer, Product, Order, Product Pricing and relationship Order Details.

- **Prudhvi Raju Gottimukkala**

Designed ER Diagram for the Entities Customer, Order, CreditCard, Address and relationship CustAddress, cart.

3. Jagruti Vichare

Designed ER Diagram for the Entities Staff, Product, Warehouse, Supplier, Address and relationship Supplier Details, stock

SQL DDL script (describe each member's contribution):

- **Karthik Mahesh**

Wrote SQL DDL Script for the Entities Customer, Product, Order, Product Pricing and relationship Order Details.

- **Prudhvi Raju Gottimukkala**

Wrote SQL DDL Script for the Entities Customer, Order, CreditCard, Address and relationship CustAddress, cart.

3. Jagruti Vichare

Wrote SQL DDL Script for the Entities Staff, Product, Warehouse, Supplier, Address and relationship Supplier Details, stock

Implementation (describe each member's contribution):

Design:

- **Karthik Mahesh**

Designed Customer part of the project including add to cart, view, search and checkout.

- **Prudhvi Raju Gottimukkala**

Designed Registration, Signin and HomePage part of the project.

3. Jagruti Vichare

Designed Staff part of the project including Add, edit and delete Products and also manage stock and suppliers

Coding:

- **Karthik Mahesh**

Wrote JSP code for Customer part of the project including add to cart, view, search and checkout.

- **Prudhvi Raju Gottimukkala**

Wrote JSP code for Registration, Signin and HomePage part of the project.

3. Jagruti Vichare

Wrote JSP code for Staff part of the project including Add, edit and delete products and also manage stock and suppliers

SQL query development:

- **Karthik Mahesh**

Developed SQL Query for Customer part of the project including add to cart, view, search and checkout.

- **Prudhvi Raju Gottimukkala**

Developed SQL Query for Registration, Signin and HomePage part of the project.

3. Jagruti Vichare

Developed SQL Query for Staff part of the project including Add, edit and delete products and also manage stock and suppliers

