**Project Demo**

**Group: 4**

**Members: Zheng You, Yuxiang Huang, Haojia Yu**

**ER-Model (describe each members contribution):**

Zheng You: Design the whole ER Diagram; use ERDPlus to draw the formal version of graph; revise the ER Diagram when the design has furthered.

Yuxiang Huang: Design and revise the ER Diagram; provide suggestions to revise the ER Diagram when the design has furthered.

Haojia Yu: Suggestions on the ER Diagram initial creation.

**SQL DDL script (describe each members contribution):**

Zheng You: Convert the ER Diagram to sql commands; create insert commands for examples in the Implementation phase; create newly added entities and relationships when the design has furthered.

Yuxiang Huang: Convert the initial ER Diagram to sql commands.

Haojia Yu: Convert the initial ER Diagram to sql commands.

**Implementation (describe each members contribution):**

**Design:**

Zheng You: Discuss and determine the final form of deliverable, a website; design the functions of staff and customer; determine the overall architecture of the web; distribute assignments for all three team members; design the login and logout web pages.

Yuxiang Huang: Design the functions of staff and customer; help to determine the overall architecture of the web; mainly focus on the staff’s function, including frontend and backend.

Haojia Yu: Focus on the customer’s function, including frontend and backend.

**Coding:**

Zheng You: Use isp and JavaBean to create the web pages for login and logout; implement checkout functionalities; debug when problems rise including other two team members’ implementations.

Yuxiang Huang: Use isp and JavaBean to create the web page for staff’s functions, such as add product, add warehouses, modify prices, etc.

Haojia Yu: Use isp and JavaBean to create the web page for customer’s functions, such as add addresses, add credit cards, modify addresses, etc.

**SQL query development:**

Zheng You: Use JDBC to create Java backend for login and logout; validate user’s input to determine the user type, staff or customer; help other two team members when their Java backend throws exceptions.

Yuxiang Huang: Use JDBC to create Java backend for the staff’s frontend functions, such as querying all the product information, modifying product information, adding warehouses, etc.

Haojia Yu: Use JDBC to try to create Java backend for the customer’s frontend functions, such as querying all the address information, modifying credit card information, adding credit cards, etc.