Presentation

1. We did not do the remove data for customer, department and cashier since in our tables we had on delete restrict which would not allow to delete

2. For address, we made separate table for address and then we passed the primary key to billing address and shipping address

3. In login page, we made customer 1 to be the manager and when customer 1 is entered at login then it will take you to manager home otherwise it would take you the user home

customer 1 email: asghar01@gmail.com

customer 1 password: abc123

Every other customer is a user, such as:

customer email: test@test.com

customer password: 1

4. We adjusted the pixels so if you want to minimize / maximize the page, the order would not change and everything would stay the same

5. We added images for each product that was retrieved from database

6. The images couldn't be added to the server provided to us by the university because we had to use an SQL function called lo\_import() and lo\_export() in the queries to read and write into the database. However, to use those functions, one has to be a superuser. Therefore, we set up our own server.

7. We have a contact us page, log out page, as well as an about us page

8. We used CSS technology to style our website

9. We used AJAX to dynamically update our website

10. We used JavaScript to validate the user input data

11. We created a new table called basket that stores the invoice number from the invoice table as a foreign key, as well as the SKU of the items that were purchased in that invoice.

12. We have numbered the rows in the tables that were returned by the queries.

13. When a user logs out of the system, the back button does not bring them back to the session. Log out ends the session, and each page checks to see if the session is valid. If it is, the page loads, otherwise, the user is asked to log in.

14. For query a, we log in as a user customer and then a user can find the information about a product by selecting the department and category names. Image is included for each product that is displayed.

15. For query b, we log in as a manager and in search tab we select department name and category and then it will return the product name for the specific category with the last purchased date and time.

16. For query c, we choose the customer from billing information tab and then it would display the billing information about that specific customer. The customer list is ordered by last name

17. For query d, in product information, we write a specific product and then it would display the names, email, and quantity of how many times that product was sold

18. For query e, in department information, we select the department name and then it would display how many products are in that department. We modified as in that we can chose a specific department and then it would display the information.

19. For query f, in sale information, we chose the highest return rate and then we have 2 radio bottoms which you must select store and department and then it will return the name, price and quantity of the products that are returned most often.

20. For query g & h, in invoice information, we can get the invoices and does not have an invoice between different ranges and then it will return the name and email of customers.

21. For query i, j, k, we go in sale information and we chose a corresponding radio bottom store, and also department and based on that it will return the names and price of the products or the names and quantities of products

22. For query L, we go in billing information and we enter number of billing types and it will return the names of the cashiers. Also we added that we can enter any amount. It doesn't have to be 4.

23. For query M, in cashier information, we enter the number of return handled and it will return the names of the cashiers. Also we added that we can enter any number of return handled.

24. For query N and O, in store information, we have 2 radio bottoms that would select either most customer shop or highest sale and then it will return the store that has the highest demand or highest sales.

25. In the tables displayed, each second row is displayed with a different background colour to help reading the tables easier.

26. In the rows that show the prices of the items, a dollar sign is shown on the left of the price.