RDBMS LAB PROJECT

COURSE: CSE 4508

Team members:

Novera Tasnuba Aura-160041041

Fabiha Iffat-160041072

ONLINE POSTER SHOP

The project that we are going to build is mainly an e-commerce website where we are going to sell different kind of posters.

1. Customers can choose their desired poster from two different sets –
   - shop by franchise
   - shop by category

   Which are again going to be divided into various required sections. For example we are going to divide the 'shop by category' section into anime, sitcom, television shows, movies, animation, music etc.

2. Customers can pick their desired items and add them in the cart.

   - This cart can be viewed
   - Items can be removed if customers want
   - Prices will be shown at the same time.
   - When a customer adds an item to the cart, the quantity of that item in the database will be reduced
   - If the customer removes anything from the cart, the quantity will again be updated.
   - If the customer wants to add more items than available in the database, then he will not be able to add it and a message will pop up saying "sorry….."
   - After the customers finalize their products the items will be booked and removed from our database.

We are also extracting a user name and a promo code for each user whoever logs in in our website and also on their birthday there will be a pop up wishing them on their birthday. The admin panel will get the list of birthdays of that day. Number of discounted products will be shown to the customer.

THINGS WE HAVE DONE IN OUR PROJECT:

1. Created a table 'customers' and inserted values in it
2. Created a function ' log_in' to show a message 'Login Successful' when name and password are verified.
3. Used function 'gen_username' and trigger 'trigger_bing2' to generate a unique username for each user before inserting in customers.
4. Used function 'gen_promocode' and trigger 'trigger_bing' to generate a unique promo code for each user before inserting in customers table which can be used by customers to get discount.

5. The admin panel will get the number of birthdays of that day. To show the number of birthdays on each day, we have used PL/SQL block code

6. We have used an explicit cursor to wish people on their birthdays.

7. We have created a table 'cart' and inserted values in it.

8. We have used implicit cursor to show the total number of products on discount with conditions like price greater than 250 and categorized in 'movies' or 'sitcom'.

9. We have used explicit cursor to show the name of products on discount with above conditions.