

ICT-5103 Database Design and Management Term Project

Deadline: 21/09/2018

Design a Database System for an E-Commerce Site.

- **System Features:**
 - i. A customer can login to the system
 - ii. Customer can place order in the system with one or more items
 - iii. Customer can choose from different types of payment methods, Mobile payment, card payment, COD, etc.
 - iv. After confirmation of the order, the item will be delivered to the customer
 - v. The delivery will be made by an employee
 - vi. Order status needs to be maintained at each stage
 - vii. A manager can create/update item
 - viii. A manager can add items in the store with purchase price
 - ix. A manager can update sale price of any item
 - x. An admin can manage store locations
 - xi. An admin can create new employee and assign role to employee
- **Design a database system for the above system following proper design methodology. Choose tables and attributes as necessary.**
- **Submit the following:**
 - i. ER diagram for the system
 - ii. SQL tables converted from the ER diagram
 - iii. Following SQL queries:
 - List of customers that place an order with order total for a date range
 - Date-wise order totals for a date range
 - Item with order total for a date range
 - List of employees with order delivery count
 - Item count in store for all items.
- **Submission must be made through <https://learning.iict.buet.ac.bd>**
- **If copy submissions are found, both copy with get zero (0).**