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| **Workshop** |  |

This workshop is to develop a web site for an Electronics Shop. The shop sells 3 categories of products: TVs, Laptops, and sound systems. The shop owner wanted this web site in order to display the electronics products and their prices.

Anonymous customers will be able to place orders by filling a form for a single item he selects, and enter the quantity he needs from the selected item.

**Requirements**

* Design the DB structure that will fulfill the above mentioned requirements and will save all the required data

**Develop Back-end pages for the administrators:**

* A products page, in order for the administrators manage the products and define the following:
  + Products Name, Description & Price
  + Categories of products
* Have a filter which could be used to filter the products listed by any of the 3 product types the shop sells
* The administrator can configure a specific discount percentage if the customer will buy two pieces of the same product
* If a discount is set by the administrators for a certain product, then this product’s price will be accordingly adjusted and the final price will be displayed to the customers, and this adjusted price will be the final price (after discount) saved in DB

**Develop Front-end pages for web site visitors, and registered users:**

* The application should validate on the format of user’s entered data according to each field specific type
* Products listing page displaying a list of all the products (Name, Description, and Price). The list displays a maximum of 5 products at a time using paging
* Beside each product, there shall be a quantity so that the customer can choose any number of products for each

***Good Luck***