

SHOPPING MART

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Looking to the evolution in data management system, Shopping Mart owner decided to store customer shopping data into database instead of text file. So, for maintaining the website need to do the following tasks.

Design and develop a web page that it will provide user interface to data entry operator for the Shopping Mart to enter product details and store the inputted data in database.

The CustomerShopping.txt file is available in repository.

CustomerShopping.txt contains the attribute of customer's and product such as customerID, customerName, gender, mobile, email, itemPurchased, itemPrice, state, OrderDateTime.

1. Read CustomerShopping.txt file and display state wise total order such as given format.

Sr. No	State Name	Total order in ₹
1.	Gujarat	1830
2.	Uttar Pradesh	7830
3.	Rajasthan	10800
4.	Madhya Pradesh	1699
5.	Himachal Pradesh	6710
6.	Maharashtra	70000

2. Read CustomerShopping.txt file and display data on web browser such as figure 1.1. Item details repeated many times will be displayed only once on web page.

Sr. No	Item Name	Item Price in ₹	Action
1.	Prestige Delight	1240	SaveToDB
2.	Drones with Camera	7830	SaveToDB
3.	LED Digital Alarm Clock	590	SaveToDB
4.	Bajaj Food Processor	6710	SaveToDB
5.	Black Dial Digital Unisex Watch	1699	SaveToDB
6.	Hyundai Mixer Grinder	3500	SaveToDB
7.	HP Laptop	70000	SaveToDB

Figure 1.1: Item Details

3. While clicking on "SaveToDB" link the web form as figure 1.2 will open with available details of item.

Product Entry

Product Name:
Product Price:
Stock in Hand:
Product Image: No file selected.

Figure 1.2: Product Entry Form

4. Clicking on “Submit” button all such details of product will be stored in Item relation of database. Image size should be 200 KB and allow only JPG, JPEG, BMP and PNG file format.
 - To store product details, use relation Item (itemId, itemName, itemPrice, stockInHand, imagePath, createDate)
5. Develop a web page to display products based on price range given by user such as figure 1.3 and after clicking on “Go” button all product’s details should be displayed on same page without reloading the page. Details such as Product Image, Name, Price, and Available Quantity.

Filter Data Based on Product Price

₹ Min. 5000

₹ Max. 8000

Go

Available Product



Photo	Name	Price	Available	Quantity
	Drones with Camera	7830	3	
	Bajaj Food Processor	6710	2	

Figure 1.3: Product details based on given price range