**Online Shopping e-commerce**

<https://www.slideshare.net/tutoriallearners/online-shopping-ecommerce-java-project>

<http://javaprojects.tutoriallearners.in/2017/03/14/online-shopping-ecommerce-java-project/>

**INTRODUCTION**

The e-mart is the part of the sample application that provides customers with online shopping. Through a Web browser, a customer can browse the catalog, place items to purchase into a virtual shopping cart, create and sign into a user account, and purchase the shopping cart contents by placing an order with a credit card. By integrating information and improving processes, e-mart will help improve enterprise-wide decision support and operational efficiency. Improved efficiency translates into:

* More resources to support the enterprise.
* Improved customer service
* Web-based and more user-friendly interfaces to buyers.

An extremely powerful marketing tool, e-mart’s ability to suggestively sell alternate and complementary products; e.g. if a customer selects the "standard" version of a product, you can recommend that they also consider the "pro" version or if your customer chooses a pair of pants, you can suggest that they also consider a belt and socks. Simply specify related product products and optional text in a product’s definition in your Merchant Administrator, and PDG Shopping Cart will up-sell or recommend related products to your customers automatically

**PROJECT DESCRIPTION**

The category screen shows all of the products available for a particular category. The product screen shows all of the items in a particular product. Product screen’s right column of the list shows the price of the item, and includes a link labelled Add to Cart. This link, which also appears on screen for the corresponding item, allows the customer to add the item to the cart without looking at the item details. The item screen shows detailed information about an individual item for sale. The Add to Cart link, when clicked, adds an order for the item to the shopping cart, and then shows the shopping cart contents The cart screen lists the items currently in the cart, allows the customer to change the quantity of each item ordered, and shows a title. It also includes a link to remove the item from the cart, and a link Proceed to Checkout which, when clicked, shows the order information screen if the user is signed on. If the user is not signed on, the sign on screen is shown instead. The sign on screen allows an existing customer to sign in as an existing user, and a new customer to create an account. An existing customer enters a username and password, and the application displays the Order Information screen shown in. A new customer enters a username and password and clicks the button Create New Account. The application creates a user with the requested password. If user creation succeeds, the application displays the Account Information screen. The account information screen, shown in collects information about a new customer, including contact information, a credit card, and personal preferences. This is also the screen displayed whenever the customer clicks the Account link at the top right corner of the screen (beneath the Search box). Clicking the Update button directs the browser to a page that summarizes the information entered. The Order Information screen allows the user to enter billing and shipping address. Default values for the addresses come from the contact information for the currently signed-in customer. This information is transmitted to the application when the user clicks Submit. The application creates a new order, sends it to the order processing center, and displays the Order Complete screen. The Order Complete screen verifies to the user that the order has been placed. The screen includes the order number Key Strengths A steady stream of innovative features born of a deep understanding of online shopping as a social experience. Recent enhancements and additions include: g The beginnings of social networking capabilities, with customers able to connect with and keep tabs on a network of friends g The ability for users to “tag” products by assigning them keywords g Personal blogs for customers g Product discussion boards g The ability to upload images as visual reviews and product commentary

