**E-Mart : Online Shopping**

**A picture containing red, indoor, sitting, small

Description automatically generated**

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**INTRODUCTION**

The e-mart is an application that provides customers with online shopping. Through a Web browser, a customer can browse the catalog, ***place items to purchase into a shopping cart***, ***create and sign into a user account***, and **purchase the shopping cart contents by placing an order with a payment card.**

**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.

**TECHNOLOGIES USED**