

Task Analysis

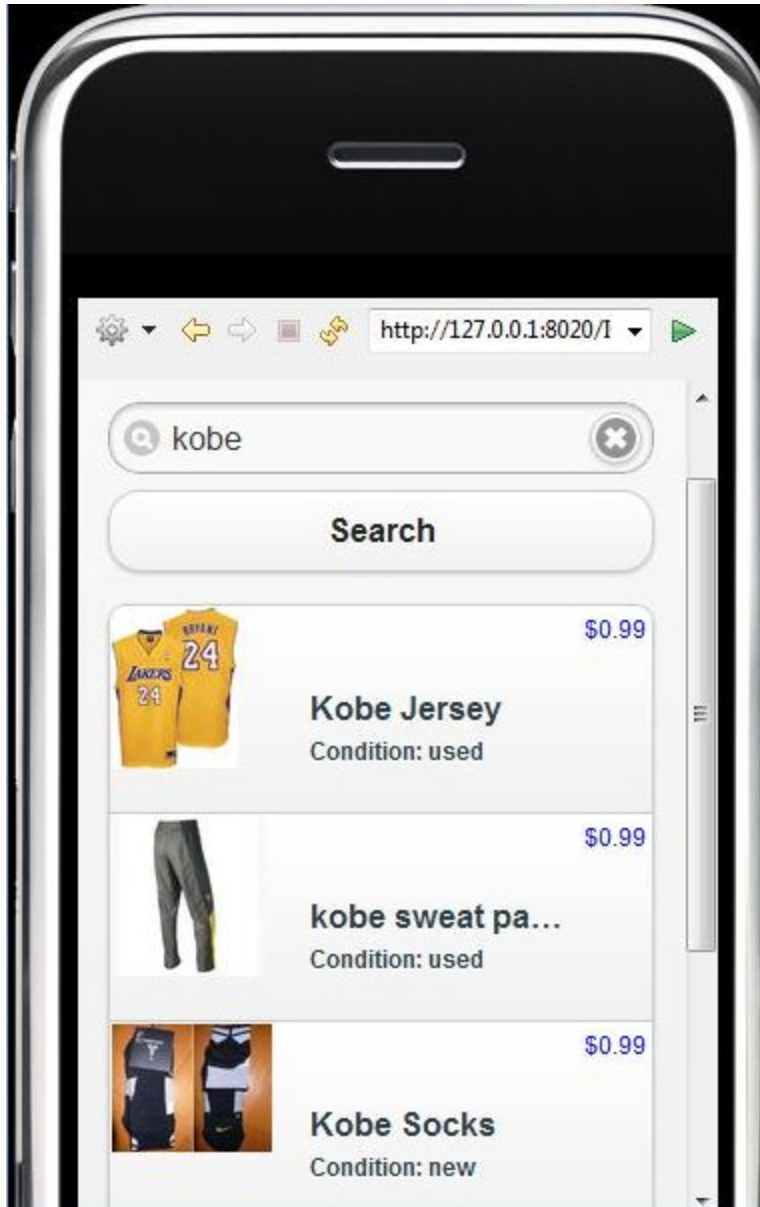
User Authentication

The user is asked to submit an username and password. The system then looks for a match in the database to check if the person is a registered user. If a match is found, the system checks if the account is that of a user or an administrator. Depending on which type account was found, the person is redirected to either the user interface or the administrator interface.



Home Page (General Search Page)

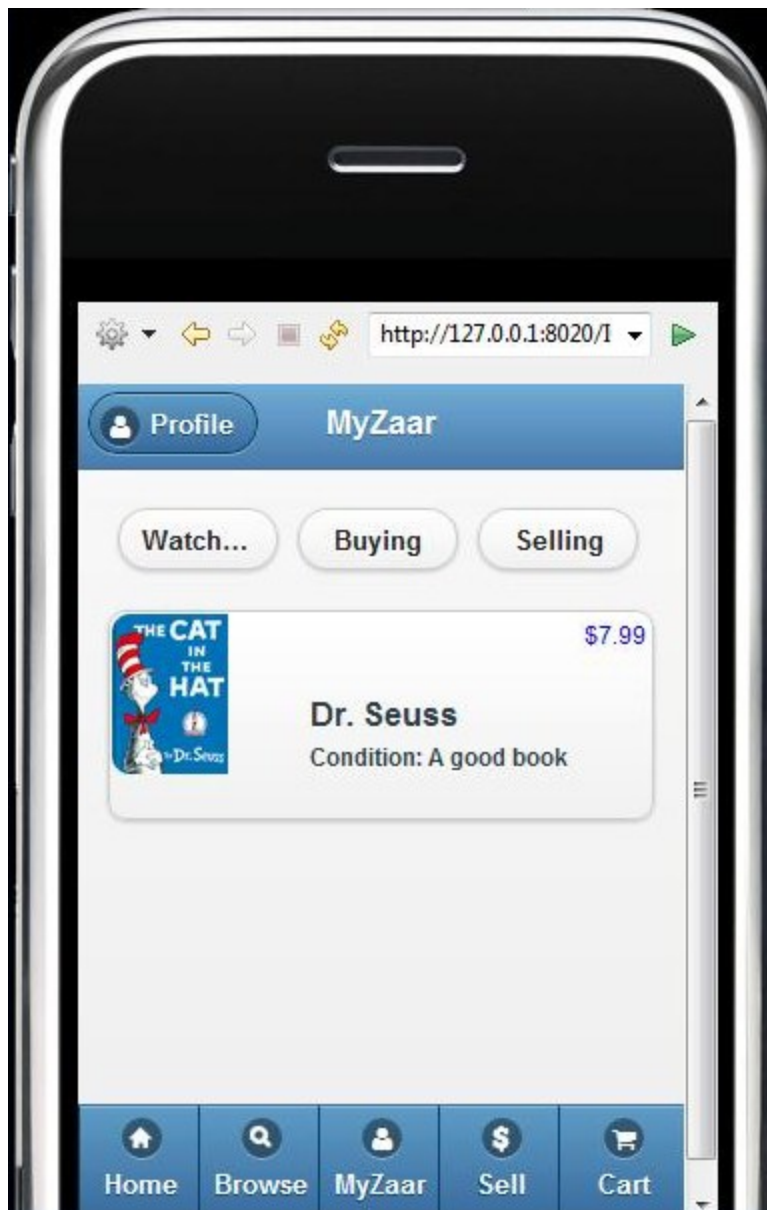
In this page the user may do a quick a search for a specific product by writing the name of the product or part of it in the search bar. The system then looks for all the products that have a product name that is similar to what was written in the search bar.



MyZaar (MyBazaar)

In this page, the user may view everything related to his or her history using the system. By pressing the buttons “Watching”. “Buying” or “Selling”, a different list of products are displayed.

- Watching - Products that the user is currently bidding on.
- Buying - Products that the user has previously purchased.
- Selling - Products that the user is currently selling or auctioning.



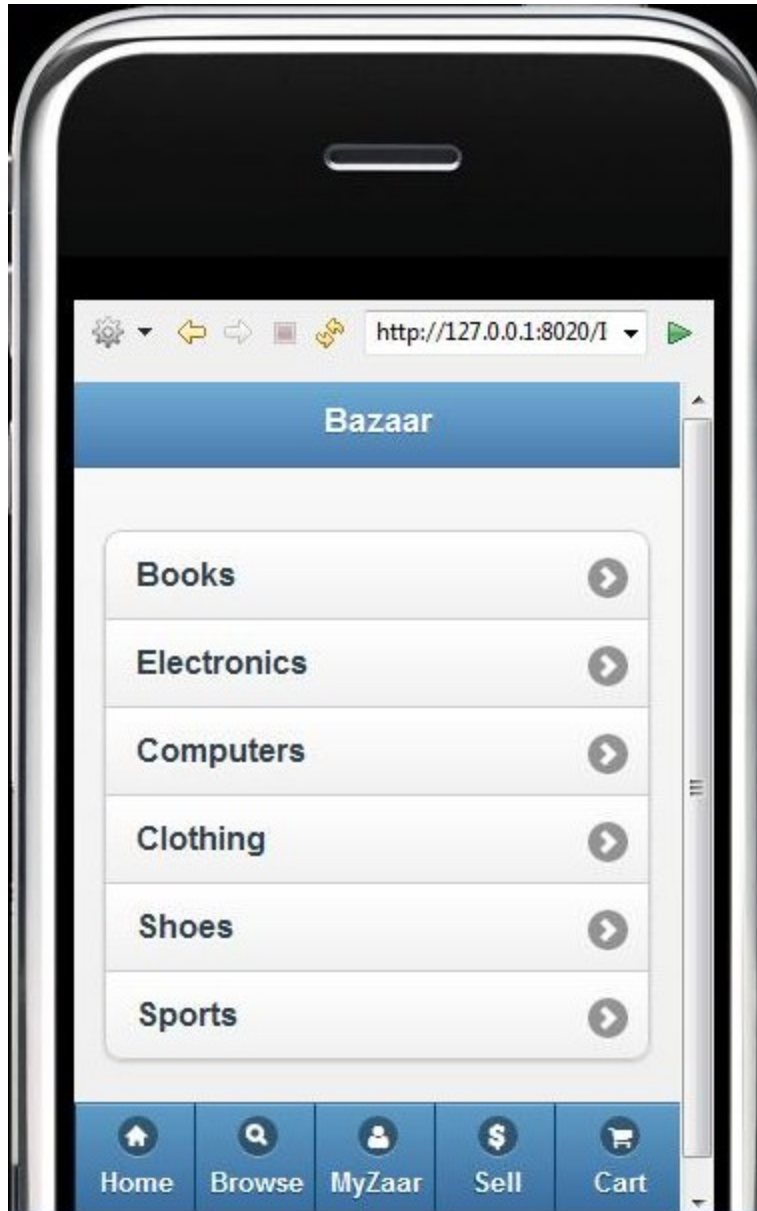
User Profile

By pressing the “Profile” button on the “MyZaar” interface, the user is redirected to his or her profile. In this page the users can view their profile picture, basic information such as name, last name, and email. The user may also see the rating that they have acquired through the use of the system as well as their payment options, shipping addresses and billing addresses.



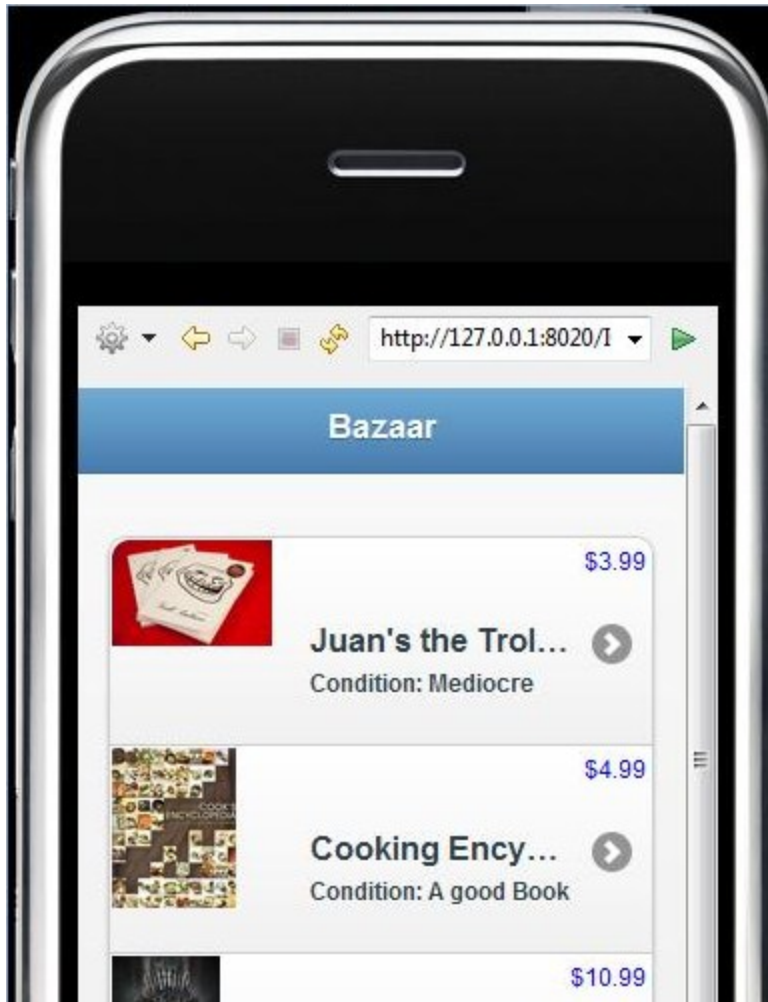
Browse Categories

By pressing the browse button located at the footer of each page, the user is redirected to a page where categories for products are displayed. The user may then begin pressing the buttons for categories and if the selected category has subcategories, these will be displayed. This process will continue until the selected subcategory has no further subcategory.



Products Display

While browsing categories, when the selected category has no further subcategory, a query to the database will be executed looking for all the products that match the selected subcategory. The system will display these matches on the page.



Product Information Display

After selecting a specific product,, the system queries the database for the information of that product. This information is then seen in the product description page. Here the user can view such information as product name, price, if it is up for auction or if it can be bought instantly. In this page the user may also place bids for products and press a button that redirects the user towards the profile of the seller.



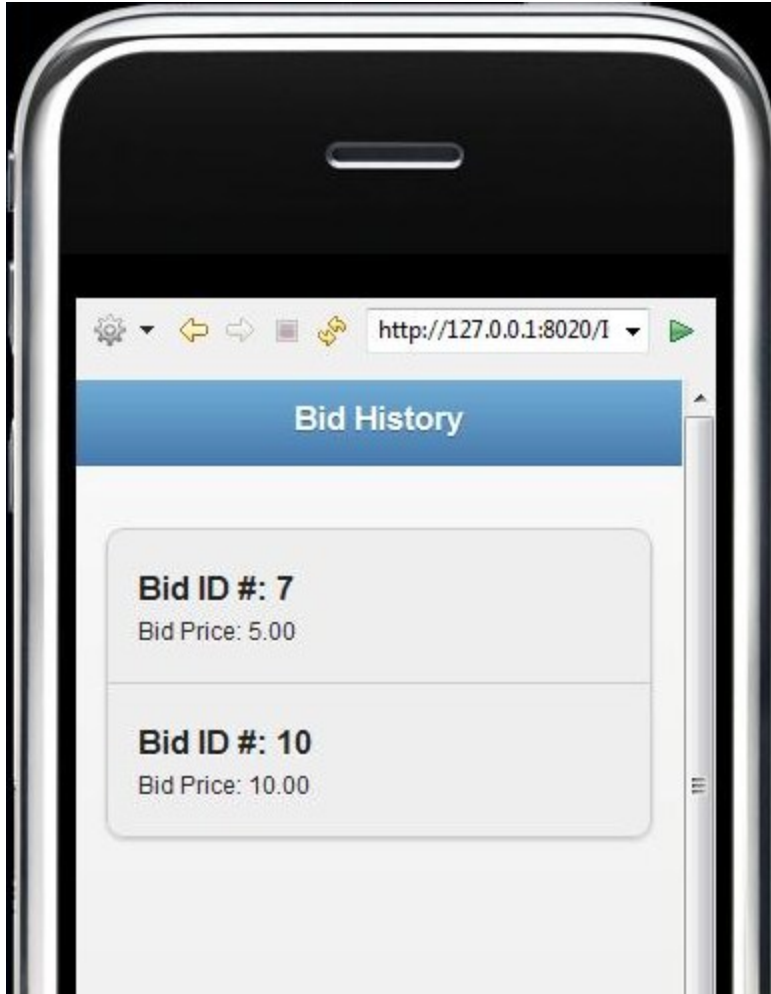
Seller Profile

The user may get to this page via the product information page. Here the user may see the basic information of the product's seller as well as a list of the sellers other products that are up for selling.





Bid History for Product

The user may get to this page via the product information page. Once the “View Bid History” button is pressed, a query to the database is executed where all the bidding information related to the current product is returned. A list of these bids are displayed on the page.



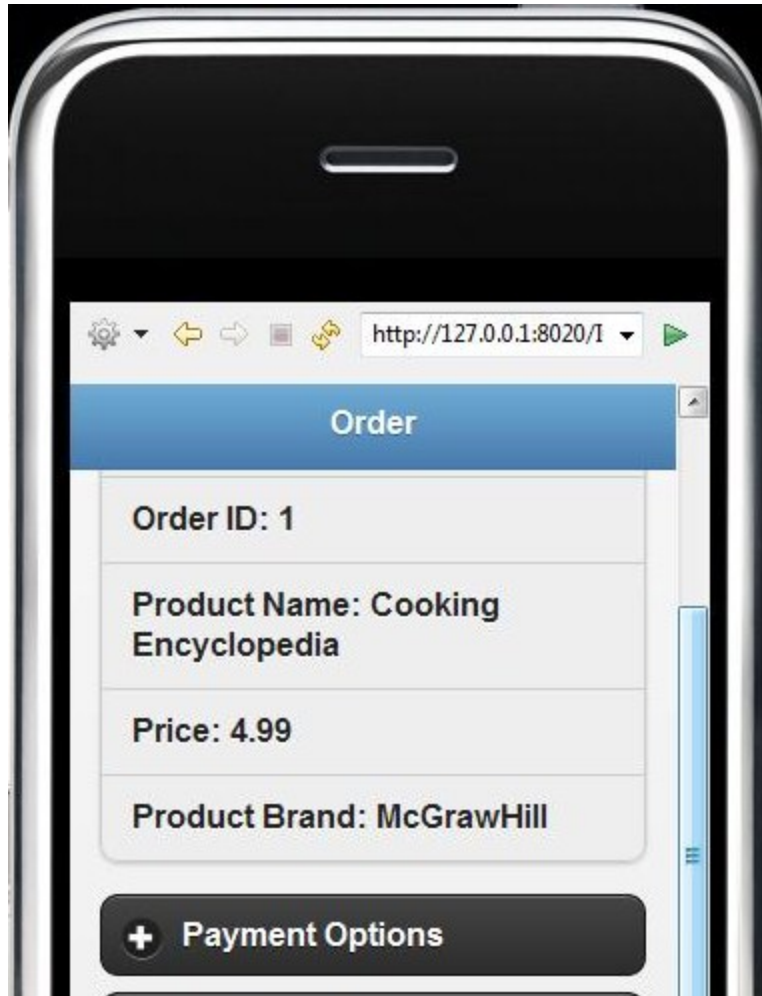
Shopping-Cart Page

This page displays the content of the current user's shopping cart.

Check Out		Shopping Cart	
	Green Eggs N' Ham Condition: A good book		\$5.99
	Dr. Seuss Condition: A good book		\$7.99
	A Game Of Thrones Condition: A good book		\$10.99
Order			

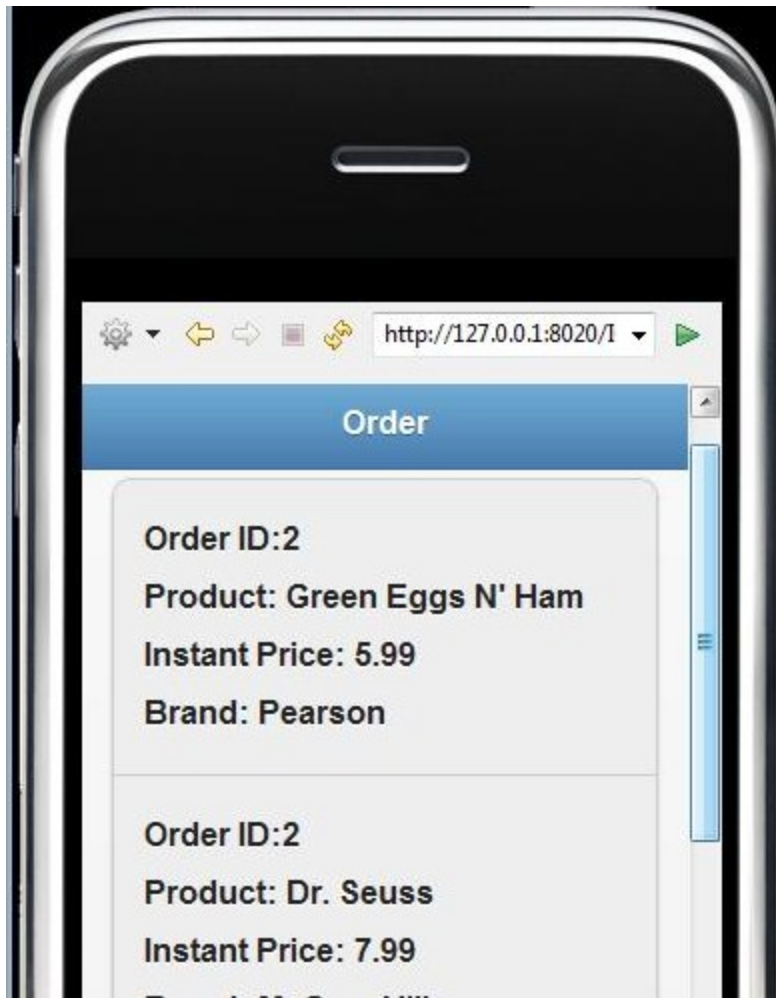
Order for Single Product

From the product information page, the user may select to purchase the product instantly. If this option is selected, the user is redirected toward the order page. Upon arriving at this page, an order is created in the database and the information about this order is displayed on the page.



Order for Multiple Products

From the shopping cart page, the user may choose to “check out” the contents of the shopping cart. If this option is selected, the user is redirected to a special order page designed for orders of more than one product.



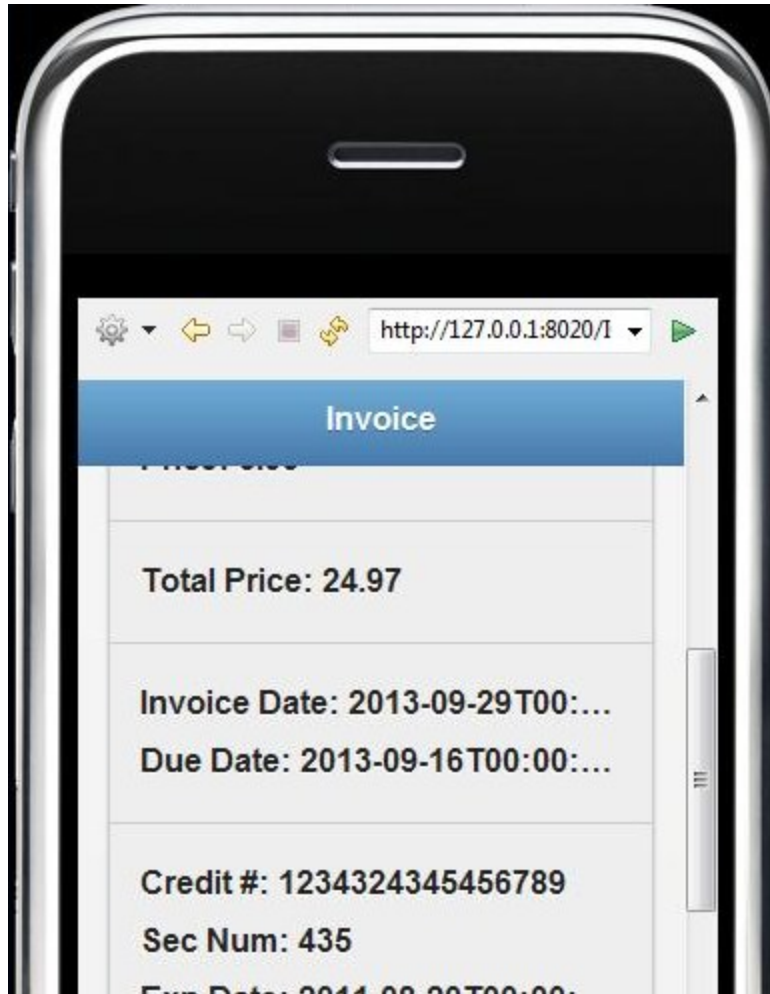
Invoice for Single Product

Once an order is placed for a product, an invoice for the product is created in the system. A query to get the information of that invoice is then executed to display its information in the invoice page.



Invoice for Multiple Products

After an order for multiple products is placed, an invoice for the purchase of these products is created on the database. Before displaying the invoice page, a query for the information of this invoice is executed. In the invoice page, the total amount of money to purchase all the products is calculated and displayed.



Administrative Reports

- Totals Sales

This function gets the total sales of all products sold by users who posted products for sale on the page. The total sales are displayed by the sales made in a month, the sales made in a day or the sales made in a week. In order to view the total sales by day, it is required that the user inputs the the day, month and year so that they can see the specific day. In order to view the total sales by week it is required that the user inputs the day, month and year of the week they want to see. In order to view the total sales of a month it is required that the user inputs the month and year they want to see.

- Totals by Product

This function gets the total sales by each product that was sold by users who posted products for sale on the page. The total sales are displayed by the sales made in a month, the sales made in a day or the sales made in a week. In order to view the total sales by day, it is required that the user inputs the the day, month and year so that they can see the specific day. In order to view the total sales by week it is required that the user inputs the day, month and year of the week they want to see. In order to view the total sales of a month it is required that the user inputs the month and year they want to see.

- Total Revenue by Product

This function gets the total revenue by each product that was sold by users who posted products for sale on the page. The total revenue is displayed by the revenue acquired in a month, the revenue acquired in a day or the revenue acquired in a week. In order to view the total revenue by day, it is required that the user inputs the the day, month and year so that they can see the specific day. In order to view the total revenue by week it is required that the user inputs the day, month and year of the week they want to see. In order to view the total revenue of a month it is required that the user inputs the month and year they want to see.





