**PRIMARY FUNCTIONS REQUIREMENTS**

**Sell Products**

The products that are on sale will be displayed here, description and images of the products will be displayed as well.

**Buy Products**

Customers will be provided with a form to provide description and images of the products they would like to sell.

**Search**

A search bar will be provided to help customers search for the particular product they want rather than going through every single product provided.

**History of transactions**

A list of all purchases made by customers will be provided to the customer in order to make it easier for them for get parts or other information about the product.

**Addition of items**

Administrators will have the privilege to add and remove items from the products page depending on stock availability.

**NON-FUNCTIONAL REQUIREMENTS**

**Review**

Customers will have privilege to see what other customers said about a particular product whether good or bad in order for them to decide.

**Return**

Customers will have the ability to return a product they wish after a period of time of purchase.

**Maximum transaction**

Customers will be allowed to a certain number of purchases per a particular product depending on the stock available.

**Age restrictions**

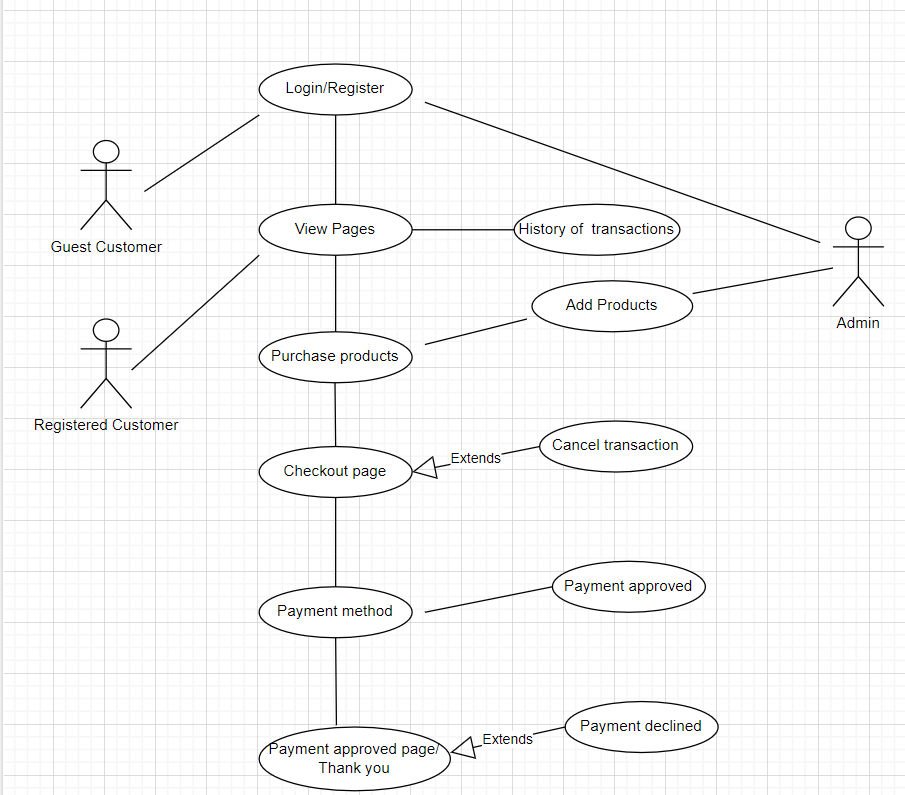
There may be age restrictions on some products because of certain age group may not be able to handle some electronics while other age groups are allowed to.

**Payment method**

There will be several payment methods for customers to use depending on what they prefer. This gives the customers flexibility.

**Use Case Spec**

|  |  |
| --- | --- |
| View Pages | * View content and history of purchases. * Displays description and price of product. * Display images of products. |
| Login/Register | * Customers will provide email and password. * Authentication of customer. * Administrator will use username and password . * Authentication of the admin. |
| Add products | * Admin can add products to the products page using the database connected. * Admin can remove products from the products pages. |
| History of transaction | * History of purchases of customers will be provided using the database. |
| Cancellation of transaction | * Customer can enter transaction details * System makes request to the database to search this exact transaction. * Database return the transaction details to the system. * System display reservation to the customer.   • Guest must confirm the transaction • Database delete the transaction.   * Database send the refund to the system. * System displays refund information to the customer. |
| Checkout | * Display the total cost of the products. * Display the list of products alongside the price. |

**USE CASE DIAGRAM**