**Problem Statement**

A JSP project is to be developed for an online shopping system which sells electronics.

**Topic Rationale**

We chose this topic because we felt this topic would help us master valuable skills that we could easily carry into our careers because this topic is very modern and relatable to customers everywhere.

1. The login page shall have login functionality
2. The login shall include username/email and a password
3. The login page shall have sign up functionality
4. The sign up functionality shall require entry of name, email, password (confirm password)
5. A user database shall contain all user information (name, email, password)
6. The site shall have an account page
   1. The account page shall save the order history of the user
   2. The account page shall contain an order tracking feature
   3. The account page shall store a shipping address
   4. The account page shall also have a wish list feature
7. The home page will include shall have a search bar
8. The site will include a logout option on every page
9. There shall be a checkout page
   1. The checkout page shall require the name of the buyer or user
   2. The checkout page shall require the card info of the buyer or user
   3. The checkout page shall show the product being purchased
   4. The checkout page shall show the price of the product being purchased + tax
10. The site shall have a shipping page
    1. The shipping page shall ask for a shipping address
    2. The shipping page shall ask for a billing address
    3. The shipping page shall ask for a phone number to contact buyer with
11. The site shall include a review order page
    1. The review order page shall include all the information from checkout and shipping pages
    2. The review order page shall also include an expected date of arrival
12. The site shall include a confirm order page
    1. The confirm order page shall contain an order#
    2. The confirm order page shall contain an email
    3. The confirm order page shall contain an email confirmation feature