# ON line shopping application

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# Contents

- Project objective
- Technologies
- Project use cases
- Implementation
- challenges we faced

# Project objective

The main objective of this project is

- ▶ To provide a user friendly and easy to use shopping experience to the users.

- ▶ To make it easier for the product owners to add products and maintain.

- ▶ To make searching products easier for both shoppers and product owners.

# Technolgies

- Clientside technologies
  - ✓ Html,Css
  - ✓ Java Script(Jquery, Ajax)
- Serverside side technologies
  - ✓ Java
  - ✓ Servlets
  - ✓ Jsp

# Use cases

▶ Log in

▶ Signup

▶ Add product

▶ Check out

# Log In use case

▶ Anyone can view Online Shopping portal and available products, but every user must login by his/her Username and password in order to purchase or order products.

# Sign up use case

▶ Unregistered members can register by navigating to registration page.

▶ After the user registers we navigate them to the login page where they will enter their username and password and login.

# Add product

▶ Only Admin will have access to modify roles, by default developer can only be an 'Admin'.

▶ The admin clicks on add product button and the add product information section of the page will be loaded asynchronously.

▶ Admin only will be able to add products to the product list.

# Add to cart

▶ Once a user Is logged in then she/he can put products to their cart and by pressing the add button on each product.

▶ The added items will be shown under the items on your cart section.

▶ All the item prices will be added and displayed on the bottom as total:
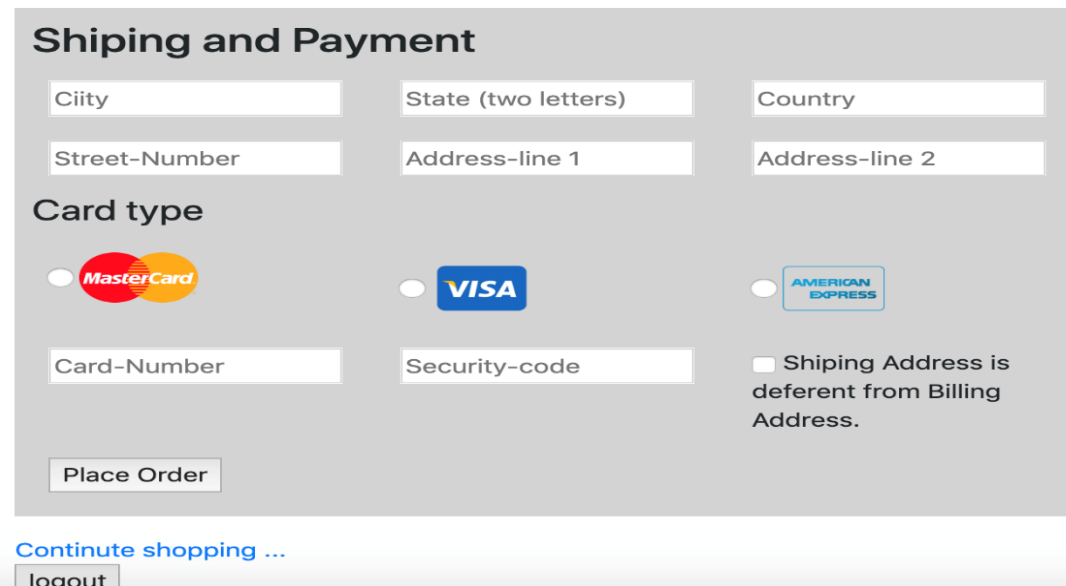
# Check out

▶ Once the user decided which products to buy then they can check out by pressing the checkout button.

▶ It will redirect them to the checkout page which asks for their shipping address and payment information.

# sample page implementation(sign up ajax request)

```javascript
function loadSignUpPage (evt) {
    hideAllControlsExcept('#signup-control');
    $('#add-prouduct').find("*").remove();
    $.ajax("signup", {
        type: "GET"
    }).done(function(data) {
        $('#add-prouduct').html(data);
    });
    $('#signup-control').removeClass('hide');
}
function sendLoginDetails(evt) {

    var userName= $('#user-name').val();
    var password= $('#password').val();
    var checkbox= $('#checkbox').val();
    //alert("us: " + userName + " , ps: " + password + " , ch: " + checkbox );
    $.post("login",{
        "user-name": userName,
        "password": password,
        "checkbox": checkbox,
    }).done(successLoginDetail).fail(successLoginDetail);
}
```

# challenges we faced

- Issues with intellij Idea and tomcat being inconsistent and caching information

- Ajax request issues which we asked fellow class mates and get a solution for.

# Thank you!!!