Initial Page (Components)-

* **Index.jsp**:
  + Form for logging in directed at **/login** servlet
    - Needs to pass String variable **user**
    - Needs to pass String variable **pwd**
      * If successful, the user should end up at **/products.jsp** (after server side)
      * If unsuccessful, the user should be returned to **/index.jsp** and told their information didn’t match and that they should try again or create a new account if they don’t have one.
  + Hyperlink needs to send user to **/registration.jsp**
* **Registration.jsp**
  + Form for submitting new customer information that passes values to **/newuser** servlet
    - Needs to pass String variable **user**
    - Needs to pass String variable **pwd**
    - Also needs to pass String variables **fname, lname, & email**
* **Products.jsp**
  + Needs to list all products.
    - Products should have **image**, **name**, **price**, & **quantity available**.
    - Users should be able to **set a quantity (form)** for a product that they would like to purchase and a **submit button** that adds the quantity to their shopping cart
    - Users should have a shopping cart button that takes them to **/cart.jsp** (there is probably some server side stuff in between, but /cart.jsp should be the endpoint)
    - Should have a **log out button** that removes session data and takes user back to **/index.jsp**
* **Cart.jsp**
  + Should show user everything they have in their shopping cart.
    - Include **item name**, **item image**, **quantity in cart**, & **price**
    - Allow user to **remove some or all of an item** from cart.
      * Items removed from carts should be **added back to inventory**
    - There should be a link that allows users to resume shopping at **/index.jsp**
    - The **total cost of items** in cart should be displayed
    - The customer should be able to **purchase all items in their cart**. This should lead to a **/purchase.jsp** (after everything on the server side)
* **Purchase.jsp**
  + This should thank the customer for their purchase and ask them if they want to continue shopping. Contains a link to **/products.jsp**

**Other Requirements**

* **If an item is added to a shopping cart, it should have the appropriate amount removed from item quantity (this item is considered on-hold) .**