**Product Ordering System**

**Objective**

To make a website where a user can login and place an order by selecting the product range along with quantity and entering the billing address, shipping address and the card details for payment.

**Assumption**

It will be applicable for all 3 viewports Mobile, Tablet, and Desktop.

**Requirements**

To make a website for placing orders for a store by selecting the product range along with quantity. It should have the following features-

* User should be able to login using test credentials or do social login using google or facebook.
* An error message should be displayed if login credentials are invalid.
* On successful login, the user should be taken to the order page having a tabular layout with tabs – Products, Billing Address, Shipping Address and Payment. Each tab should have a ‘Next’ button which navigates to the next tab.
* The Products tab should have a dropdown to select the product from the list of available products and a textbox to enter the quantity of product. There should be a button to add item. The successive product dropdowns should not include the already selected products.
* The Billing Address Tab should have the following fields - First Name, Last Name, Phone No., Email Id, Address 1, City, State, Country and Pin Code.
* The Shipping Address Tab should have the following fields - First Name, Last Name, Phone No., Email Id, Address 1, City, State, Country and Pin Code.
* The Payment Tab should accept the card details – Card Holder Name, Card Number, expiry date (MM, YYYY) and CVV.
* A loader should be displayed while the order is being processed.
* An error message should be displayed if order is not placed successfully.
* If the order is placed successfully, a success message along with the order id should be displayed.

**Test Data**

* Login Credentials
  + admin / pass
  + trialuser / trialpass
* Product Ids
  + 701643571277
  + 701642853695
  + 701644336240
  + 701643408986
  + 701642889243
  + 701643409006
  + 701644388829
  + 750518703299
  + 883360511054
  + 883360525419
* Shipping Method Id
  + 001
* Card details
  + 4111111111111111 / 123

**Flow Chart**

Yes

Error message

No

Is

order

successful

Demandware

REST API Calls

Error message

No

Yes

Order Page

Is

Login

successful

Login Details

Login Page

Request

React

Server

Request

Client

**Codebase**

<https://github.com/mratnasri/ProductOrderingSystem-PS.git>

Order details Page