

The solution as zipped file must be handed-in Wiseflow. You will receive a mail from wiseflow with hand-in date and time

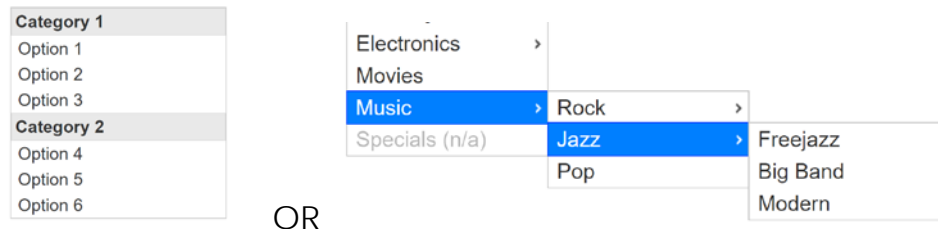
Assignment: Create a web shop with the following Pages and requirements

- User/customer must be able to browse/navigate to
 - Landing/front page
 - Products page
 - Login + register page
- Administrator must be able to browse/navigate to
 - Repository page
 - Landing/front page
 - Products page
 - Login page (*Administrator registration is not required. You may manually add administrator to the Database*)
- The system must use session to know about the logged in user. If the logged in user is Administrator then he should be allowed to use Repository page otherwise (if he is not admin) the system should display a message e.g. (*Restricted Area: requires authentication*)
- The registration page must show a registration form containing the following fields
 - Name
 - Phone number
 - Address
 - E-mail (*e-mail must be used as username for log-in page*)
- You must validate form fields using Regular expression
 - Name as alphabets
 - Phone number as 8 digits. (*Country code validation is not required*)
 - Address as alphanumeric, commas and white spaces
 - E-mail as a common e-mail format (*The email does not have to exist in real*)
- Must show a message if any field fails to match the reg-ex pattern.

Landing page must

1. At least have 2 level nested dynamic menu i.e. a menu and sub-menu populated from the database products table

E.g.



Products page must

1. Show a list of products related to the menu item user has clicked on in Landing page e.g. if user has clicked, under Electronics, on smart-phones then the product page must show smart-phones.
2. Product must be presented as:
 - a. Name
 - b. Image
 - c. Price
3. Must be possible to add the number of items user wants to buy
4. Must show total price
5. Should show a shopping cart

Administrator

1. The Repository page should present a form, which submits the products to the Database. The form should have the necessary fields e.g.
 - a. Product Name
 - b. Image path
 - c. Price
 - d. Etc..
2. The repository page must show the Products present in the Database. Only the name, total number of Products and the price. (image is not required on this page)
3. Must be able to Update the Products in the database

Administrator and Registered user must be able to log off.