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Task #1: UI Tests

My Store Given link to test

Given the example website above, create a UI test automation suite using any tool of your choice to cover the following user journey:-

Scenario 1: Users are able to search for an item using the search bar

- Navigate to the homepage
- Put any search term in the search bar
- Validate that the results returned matches the search term

Solution Video recording link: https://vimeo.com/752240770/3810f9291b

Test Dependency: Java + IDE + Selenium Webdriver + Browser driver + internet

Solution code:

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```
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```

```
t[4]")).sendKeys("Faded");
driver.findElement(By.xpath("/html/body/div/div[1]/header/div[3]/div/div/div[2]/form/butt
on")).click();

Thread.sleep(2000);
driver.manage().window().maximize();
Thread.sleep(2000);

JavascriptExecutor js = (JavascriptExecutor) driver;
js.executeScript("window.scrollBy(0,400)");

}
```

<u>Scenario 2:</u> Users are able to filter search results under Women category by Color and Category

- Navigate to the homepage
- Click on Women category
- Select any value from the Color and Category filter item
- Validate that the results returned matches the filter criteria

Solution Video recording link: https://vimeo.com/752254571/a9903e8838

Test Dependency: Java + IDE + Selenium Webdriver + Browser driver + internet

Solution code:

```
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.chrome.ChromeDriver;

public class FirstScenario {
    public static void main(String[] args) throws InterruptedException {
        // TODO Auto-generated method stub
```

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```
//**Scenario 2**: Users are able to filter search results under 'Women' category by
'Color' and 'Category'
// Navigate to the homepage
//- Click on 'Women' category
//- Select any value from the 'Color' and 'Category' filter item
//- Validate that the results returned matches the filter criteria
              System.setProperty("webdriver.chrome.driver",
"C:\\Browserdrivers\\chromedriver.exe");
ChromeDriver driver = new ChromeDriver();
driver.get("http://automationpractice.com/index.php");
driver.manage().window().maximize();
driver.findElement(By.xpath("/html/body/div/div[1]/header/div[3]/div/div/div[6]/ul/li[1]/a")
).click();
Thread.sleep(2000):
Thread.sleep(3000);
driver.findElement(By.xpath("/html/body/div/div[2]/div/div[3]/div[1]/div[2]/div[1]/form/div/
div[3]/ul/li[3]/input")).click();
Thread.sleep(3000);
JavascriptExecutor is = (JavascriptExecutor) driver;
is.executeScript("window.scrollBy(0,600)");
Thread.sleep(2000);
is.executeScript("window.scrollBy(0,-500)");
Thread.sleep(6000);
driver.findElement(By.cssSelector("#layered category 4")).click();
js.executeScript("window.scrollBy(0,600)");
       }}
```

<u>Scenario 3:</u> Users are able to view the details of any clothing item from the POPULAR section and add them to the cart

- Navigate to the homepage
- Select any item from from the POPULAR section and add them to the cart
- Validate that the item has successfully been added to the cart

Solution Video recording link: https://vimeo.com/752269140/ae9dc81467

Test Dependency: Java + IDE + Selenium Webdriver + Browser driver + internet

Solution code:

```
import org.openga.selenium.By:
import org.openga.selenium.JavascriptExecutor;
import org.openga.selenium.chrome.ChromeDriver;
public class FirstScenario {
      public static void main(String[] args) throws InterruptedException {
             // TODO Auto-generated method stub
             **Scenario 3**: Users are able to view the details of any clothing item
from the 'POPULAR' section and add them to the cart
             //- Navigate to the homepage
             //- Select any item from from the `POPULAR` section and add them to
the cart
             //- Validate that the item has successfully been added to the cart
             System.setProperty("webdriver.chrome.driver",
"C:\\Browserdrivers\\chromedriver.exe");
ChromeDriver driver = new ChromeDriver();
driver.get("http://automationpractice.com/index.php");
//driver.manage().window().maximize();
JavascriptExecutor is = (JavascriptExecutor) driver;
js.executeScript("window.scrollBy(0,600)");
//Adding product to cart from popular products
```

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```
driver.findElement(By.xpath("/html/body/div/div[2]/div/div[2]/div/div[1]/ul[1]/li[3]/div/div[2
]/div[2]/a[1]/span")).click();
Thread.sleep(6000);
//closing product modal
driver.findElement(By.cssSelector("#layer cart > div.clearfix >
div.layer cart product.col-xs-12.col-md-6 > span")).click();
Thread.sleep(3000);
js.executeScript("window.scrollBy(0,400)");
driver.manage().window().maximize();
//verifying that the product added to cart or not
driver.findElement(By.cssSelector("#header > div:nth-child(3) > div > div >
div:nth-child(3) > div > a > b")).click();
Thread.sleep(6000);
js.executeScript("window.scrollBy(0,400)");
       }
}
```