Website for automation: **JIOMART**

These are a few functionalities to automate on the **JioMart** website along with **brief test case ideas**, **features/actions used**, and their **purpose** in test automation.

**1. Homepage UI Verification**

* **Test Case**: Validate presence of essential UI components (logo, search bar, categories, login).
* **Features Used**: isDisplayed(), getText(), assert
* **Purpose**: Ensure basic components are visible and rendered correctly.

**2. Login Functionality**

* **Test Case**: Test login with valid and invalid credentials.
* **Features Used**: sendKeys(), click(), getText() (for error messages)
* **Purpose**: Check user authentication and proper error handling.

**3. Search for Products**

* **Test Case**: Enter a product name and verify if relevant products appear.
* **Features Used**: sendKeys(), click(), getText(), assert
* **Purpose**: Validate the search functionality returns correct results.

**4. Product Listing and Filtering**

* **Test Case**: Apply category filters or sort options and check if product list updates.
* **Features Used**: click(), getText(), assert, isSelected()
* **Purpose**: Ensure filters and sorting work as intended.

**5. Mouse Hover Over Categories**

* **Test Case**: Hover over a category to check if sub-categories appear.
* **Features Used**: Actions.mouseHover(), isDisplayed()
* **Purpose**: Validate navigation behavior and dropdown visibility.

**6. Add to Cart Functionality**

* **Test Case**: Select a product and add it to the cart; verify it gets added.
* **Features Used**: click(), getText(), assert
* **Purpose**: Check if cart updates correctly with selected items.

**7. Cart Operations**

* **Test Case**: Increase/decrease quantity, remove product, validate total.
* **Features Used**: click(), getText(), assert
* **Purpose**: Validate cart updates reflect user actions accurately.

**8. Checkout and Delivery Pin Code Verification**

* **Test Case**: Enter pincode and verify if the product is deliverable.
* **Features Used**: sendKeys(), click(), getText()
* **Purpose**: Ensure delivery serviceability logic is working.

**9. Logout Functionality**

* **Test Case**: Login → Logout → Confirm user is redirected properly.
* **Features Used**: click(), getText()
* **Purpose**: Validate session ends properly.

**10. Contact/Help Page Navigation**

* **Test Case**: Navigate to Help or Contact Us and check for FAQs.
* **Features Used**: click(), getText()
* **Purpose**: Ensure support information is accessible.

**11. Product Detail Page Validation**

* **Test Case**: Click on a product → Validate product name, price, images, and description.
* **Features Used**: click(), getText(), isDisplayed(), assert
* **Purpose**: Ensure accurate product information is shown after redirection.

**12. Banner/Carousel Slider Functionality**

* **Test Case**: Check auto-rotation or manual navigation of banner ads.
* **Features Used**: click(), isDisplayed(), getAttribute("class") or getCssValue()
* **Purpose**: Validate promotional content visibility and transitions.

**13. Wishlist Functionality**

* **Test Case**: Add a product to the wishlist, verify it's stored there.
* **Features Used**: click(), getText(), assert
* **Purpose**: Ensure wishlist behavior works for logged-in users.

**14. Broken Links or 404 Error Pages**

* **Test Case**: Attempt to access invalid or broken links to check error handling.
* **Features Used**: navigate().to(URL), getTitle(), getText()
* **Purpose**: Ensure graceful error messages for invalid pages.

**15. Promo Code/Discount Application**

* **Test Case**: Apply a valid or invalid promo code during checkout.
* **Features Used**: sendKeys(), click(), getText(), assert
* **Purpose**: Validate pricing updates or error messages accordingly.

**16. Payment Method Availability Check**

* **Test Case**: Go till payment and check for available payment options (e.g., UPI, cards).
* **Features Used**: click(), isDisplayed(), getText()
* **Purpose**: Ensure all payment options are loaded properly.

**17. Mobile Responsiveness (Optional with Tools like BrowserStack)**

* **Test Case**: Verify layout and elements on mobile view.
* **Features Used**: resizeWindow(), isDisplayed()
* **Purpose**: Validate responsiveness of UI on different screen sizes.

**18. Form Validations (Contact Us, Feedback, etc.)**

* **Test Case**: Submit form with blank or invalid inputs and check error messages.
* **Features Used**: sendKeys(), click(), getText(), assert
* **Purpose**: Ensure proper validations and helpful user feedback.

**19. Location or Store Selector (if available)**

* **Test Case**: Change delivery city or local store → Validate localized products.
* **Features Used**: click(), sendKeys(), getText()
* **Purpose**: Ensure local inventory updates based on user region.

**20. Footer Links Validation**

* **Test Case**: Click on links like Terms, Privacy Policy, About Us and check redirection.
* **Features Used**: click(), getTitle(), assert
* **Purpose**: Ensure legal and informational pages are working.

Top of Form

Bottom of Form

**Common Features Used Across Test Cases**

| **Feature** | **Usage Purpose** |
| --- | --- |
| click() - | For buttons, links, dropdowns |
| sendKeys() - | For entering input (search, login, pincode) |
| getText() - | To validate displayed text (titles, errors) |
| isDisplayed() - | UI element visibility checks |
| assertEquals() - | Result comparison |
| mouseHover() - | For menu/category navigation |
| isSelected() - | To verify selected filter or checkbox |