Test Cases
Login function
- Understand requirement: Login functionality will have a username textbox, a password textbox, and a login button.
- Identify the Test scenarios: For login functionality, the possible test scenarios are:
  - Blank username and password
  - Invalid username and password
  - A valid username and invalid password
  - Valid username and password
- Prepare a Data input file with the data corresponding to each scenario.
- Launch the tool from the program.
- Identify the username field, password field, and the login button.
- For each test scenario, get the data from the data file and enter into the corresponding fields. Program click on the login button after entering the data.
- Validate the error message for negative scenarios and the success message for positive scenarios in the test script with the help of assertions.
- Run the test suite and generate the report

ID	Test Case Description	Test Steps	Test Data	Expected Results	Pass/Fail
1	Check the Users Login with valid data	1. Go to the site https://jupiter.cloud.planittesting.com/#/ 2. Auto Enter Username 3. Auto Enter Password 4. Click login	List of valid user accounts including username and password	User should log in to the website	
2	Check the Users Login with invalid data	1. Go to the site https://jupiter.cloud.planittesting.com/#/ 2. Auto Enter Username 3. Auto Enter Password 4. Click login	List of invalid user accounts including username and password	User should not log in to the website	
3	Check the Users Login with invalid password data	1. Go to the site https://jupiter.cloud.planittesting.com/#/ 2. Auto Enter Username 3. Left password blank 4. Click login	List of valid user accounts	User should not log in to the website	

Other possible scenarios for this feature, and possible future scenarios :

1. Detected user categories if admins, sellers, and buyers

Can't do with automation testing:
1. human check
2. double Authenticator
Possible solutions:
maybe allow test bypassing CAPTCHA

Shopping page function:

- Understand requirement: Shopping functionality will have a shop item page, a list of item, and a buy button of each one.
- Identify the Test scenarios: For Shopping functionality, the possible test scenarios are:
  - Purchase nothing
  - Purchase single item one or more times
  - Purchase multiple item one or more times
  - Purchase all iterm one or more times
- Prepare a Data input file with the data corresponding to each scenario.
- Launch the tool from the program.
- Identify the current web address, Buy button, and the cart button.
- For each test scenario, get the data from the data file and click corresponding button. Program click on the carts button after entering the data. Collecting the amount of item and total prices
- Validate the error message for negative scenarios and the success message for positive scenarios in the test script with the help of assertions.
- Run the test suite and generate the report

ID	Test Case Description	Test Steps	Test Data	Expected Results	Pass/Fail
4	Check the add item into carts work or	1. Go to the site https://jupiter.cloud.planittesting.com/#/ 2. Click the nav menu shop option 3. Click random buy button once 4. Click the Cart option 5. Check the amount and total price	File with property click times	Should have same amount and same amount price	

| 5 | Check the add some items into carts work or | 1. Go to the site https://jupiter.cloud.planittesting.com/#/ 2. Click the nav menu shop option 3. Click random buy button once 4. Click the Cart option 5. Check the amount and total price | File with property click times | Should have same amount and same amount price | |

Shopping cart function:
- Understand requirement: Shopping cart functionality will have a amount item text, a total price text, a number textbox, a list of items, a remove button of each one, a checkout button and a empty cart button
- Identify the Test scenarios: For Shopping Cart functionality, the possible test scenarios are:
    - Checkout with single item one or more quantity
    - Checkout multiple items one or more quantity
    - Empty Cart with single item one or more quantity
    - Empty Cart with multiple items one or more quantity
    - Remove one category item
- Prepare a Data input file with the data corresponding to each scenario.
- Launch the tool from the program.
- Identify the current web address, a amount item text, a total price text, a number textbox, a list of items, a remove button of each one, a checkout button and a empty cart button
- For each test scenario, get the data from the data file and click corresponding button. Program click on the carts button after entering the data. Click the corresponding button (check out or empty/remove)
- Validate the error message for negative scenarios and the success message for positive scenarios in the test script with the help of assertions.
- Run the test suite and generate the report

ID	Test Case Description	Test Steps	Test Data	Expected Results	Pass/Fail
6	Check Shopping cart function check out with one or more items	1. Go to the site https://jupiter.cloud.pl anittesting.com/#/ 2. Click the nav menu shop option 3. Click buy button random times 4. Click the Cart option 5. Click Check out	File with property click times and checkout	Should navigate to checkout page	
7	Check Shopping cart function Empty with one or more items	1. Go to the site https://jupiter.cloud.pl anittesting.com/#/ 2. Click the nav menu shop option 3. Click buy button random times 4. Click the Cart option 5. Click Empty	File with property click times and empty	Should clean all items	
8	Check Shopping cart function remove with one or more items	1. Go to the site https://jupiter.cloud.pl anittesting.com/#/ 2. Click the nav menu shop option 3. Click buy button random times 4. Click the Cart option 5. Click one category remove button	File with property click times and remove	Selected one category should be cleaned	

Can't autotest the payment system unless permissions are bypassed, Mean while If the checkout or payment here is an additional API or interface, you can also do API automation testing and interface automation testing

Navigation function
- Understand requirement: Navigation functionality will have a navigation menu, and a Start Shopping button.
- Identify the Test scenarios: For Navigation functionality, the possible test scenarios are:
  - Using navigation bar to redirection
  - Using Start Shopping button to redirection
- Prepare a Data input file with the data corresponding to each scenario.
- Launch the tool from the program.
- Identify the username field, password field, and the login button.
- For each test scenario, get the data from the data file and enter into the corresponding fields. Program click on the navigation menu, and a Start Shopping button.
- Validate the error message for negative scenarios and the success message for positive scenarios in the test script with the help of assertions.
- Run the test suite and generate the report

ID	Test Case Description	Test Steps	Test Data	Expected Results	Pass/Fail
9	Check the navigation bar	1. Go to the site https://jupiter.cloud.planittesting.com/#/ 2. Click the nav menu home option 3. Click the nav menu shop option 3. Click the nav menu contact option	Navigation Menu items,	Should be able to redirect to the correct address	

Contact function
- ● Understand requirement: Contact functionality will have Several textboxes and a submit button
- ● Identify the Test scenarios: For Navigation functionality, the possible test scenarios are:
  - ○ Blank textboxes
  - ○ Invalid textboxes input
  - ○ Valid Textboxes
- ● Prepare a Data input file with the data corresponding to each scenario.
- ● Launch the tool from the program.
- ● Identify the username field, password field, and the login button.
- ● For each test scenario, get the data from the data file and enter into the corresponding fields. Program click on the Submit button
- ● Validate the error message for negative scenarios and the success message for positive scenarios in the test script with the help of assertions.
- ● Run the test suite and generate the report

ID	Test Case Description	Test Steps	Test Data	Expected Results	Pass/Fail
10	Check the Contact function	1. Go to the site https://jupiter.cloud.planittesting.com/#/ 2. Click the nav menu contact option 3. Enter the corresponding fields 3. Click submit button	A file with necessary data,	Should be able to redirect to the correct address, and say success	

You can also create a report from the backend data and compare it with the generated reports

Reference:

https://www.softwaretestinghelp.com/test-automation-interview-questions/