

**Project Name: Jupiter Toys**

## Test Case 1

<b>Test Case ID:</b> 1	<b>Test Designed by:</b> Yuan Lin
<b>Test Priority (Low/Medium/High):</b> High	<b>Test Designed date:</b> 2022-07-17
<b>Module Name:</b> Functionality Testing	<b>Test Executed by:</b> Yuan Lin
<b>Test Title:</b> Functionality Testing Through Link Testing	<b>Test Execution date:</b> 2022-07-17
<b>Description:</b> Test whether the links on the home page of the website are working properly.	

**Pre-conditions:** The web page is displayed in the browser properly.

**Dependencies:**

Step	Test Steps	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Click the “Shop” button	The user is navigated to the page for shopping.	The user was navigated to the page for shopping.	Pass	
2	Click the “Contact” button	The user is navigated to the page of the contact form.	The user was navigated to the page of the contact form.	Pass	
3	Click the “Login” button	The user is navigated to the login page.	A login dialogue box appeared.	Pass	
4	Click the “Cart (0)” button	The user is navigated to the cart.	The user was navigated to the cart.	Pass	
5	Click the “Jupiter Toys” logo on the top left corner of the page.	The user is navigated back to the home page.	The user was navigated back to the home page.	Pass	
6	Click the “Start Shopping >>” button.	The user is navigated to the page for shopping.	The user was navigated to the page for shopping.	Pass	
7	Click the “Home” button	The user is navigated back to the home page.	The user was navigated back to the home page.	Pass	

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## Test Case 2

**Test Case ID: 2**

**Test Designed by:** Yuan Lin

**Test Priority (Low/Medium/High):** High

**Test Designed date:** 2022-07-17

**Module Name:** Functionality Testing

**Test Executed by:** Yuan Lin

**Test Title:** Test the login form without valid username or password

**Test Execution date:** 2022-07-17

**Description:** Test whether the login form on the website can reject invalid username and/or password and remind users to fill in both the username and the password

**Pre-conditions:** User has no valid username and password.

**Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Click the Login button on the top right corner of the page.		The user is navigated to the login page.	A login dialogue box appeared.	Pass	
2	Provide random username	Username: infoau@planittesting.com				
3	Provide random password	Password: 1234				
4	Click the Login button at the bottom of the dialogue box.		The form says "Your login details are incorrect".	The form said "Your login details are incorrect".	Pass	
5	Refresh the page and click again the Login button on the top right corner of the page.		The user is navigated to the login page.	A login dialogue box appeared.	Pass	
6	Click the login button at the bottom of the dialogue box without entering username or password.		Login unsuccessful. The login button doesn't work or the boxes for the username and password are highlighted in red with messages "Username is required" and "Password is required".	The form said "Your login details are incorrect" and the boxes for both the username and password were highlighted in red, but no message saying username or password is required.	Fail	

7	Enter a username/a password without entering a password/username		Login unsuccessful. The login button doesn't work or the box for the password/username is highlighted in red with an error message saying "Password is required" or "Username is required".	The form said "Your login details are incorrect", the boxes for both the username and password were highlighted in red, but no message saying username or password is required.	Fail	
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## Test Case 3

<b>Test Case ID:</b> 3	<b>Test Designed by:</b> Yuan Lin
<b>Test Priority (Low/Medium/High):</b> High	<b>Test Designed date:</b> 2022-07-17
<b>Module Name:</b> Functionality Testing	<b>Test Executed by:</b> Yuan Lin
<b>Test Title:</b> Verify login with valid username and password	<b>Test Execution date:</b> 2022-07-17
<b>Description:</b> Test whether the login form on the website is working properly.	

**Pre-conditions:** User has valid username and password.

**Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Click the Login button on the top right corner of the page.		The user is navigated to the login page.	A login dialogue box appeared	Pass	
2	Provide valid username	Username: infoau@planittesting.com				
3	Provide valid password	Password: 1234				
4	Click the Login button at the bottom of the form.		Login successful and the user is navigated to the user profile.			

**Post-conditions:**

User is validated with database and successfully login to account. The account session details are logged in database.

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## Test Case 4

**Test Case ID:** 4

**Test Priority (Low/Medium/High):** High

**Module Name:** Functionality Testing

**Test Title:** Verify contact form functionality

**Description:** Test whether the contact form on the website is working properly.

**Test Designed by:** Yuan Lin

**Test Designed date:** 2022-07-17

**Test Executed by:** Yuan Lin

**Test Execution date:** 2022-07-17

**Pre-conditions:** User has provided valid forename, email and message.

**Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Click the "Contact" button		The user is navigated to the page of the contact form.	The user was navigated to the page of the contact form.	Pass	
2	Provide valid forename (first name)	Forename: Joseph				
3	Provide valid email	Email: yu.an.lintech@gmail.com		When clicking the "Email" textbox, the page said "We welcome your feedback - but we won't get it unless you complete the form correctly". While entering the email, the textbox for the email was highlighted in red with the message "Please enter a valid email" beside it.	Pass	
4	Provide valid message	Message: Thank you.		When clicking the "Message" textbox, the page said "We welcome your feedback - but we won't get it unless you complete the form correctly" and "Message is required".	Pass	
5	Click the "Submit" button.		The page displays a message saying my feedback has been successfully submitted and my feedback is appreciated.	The page showed it was "sending feedback" before displaying a message saying "Thanks Joseph. We appreciate your feedback".	Pass	
6	Click the "Contact" button again.		User is navigated to a page showing an empty contact form.	User was navigated to a page showing an empty contact form.	Pass	

7	Click the “Submit” button without entering the forename, email or message.		Submission unsuccessful. The boxes for the forename, email and message are highlighted in red with messages “forename is required”, “email is required” and “message is required”.	The page said “We welcome your feedback - but we won't get it unless you complete the form correctly” and the textboxes for the forename, email and message are highlighted in red with messages “forename is required”, “email is required” and “message is required”.	Pass	
8	Enter the forename, message and an invalid email address without the @ symbol before clicking the “Submit” button.	Forename: Joseph Message: Thank you. Email address: yuan	Submission unsuccessful. The textbox for email is highlighted in red with an error message saying “Please enter a valid email” and the message “We welcome your feedback - but we won't get it unless you complete the form correctly” is displayed at the top of the page.	Before clicking the submit button, the textbox for email was highlighted in red with an error message saying “Please enter a valid email” and the message “We welcome your feedback - but we won't get it unless you complete the form correctly” was displayed at the top of the page. However, after the “Submit” button was pressed, the page showed it was “sending feedback”, before displaying a message saying “Thanks Joseph. We appreciate your feedback”.	Fail	

**Post-conditions:**

The company received the user’s feedback.

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## Test Case 5

**Test Case ID: 5**

**Test Designed by: Yuan Lin**

**Test Priority (Low/Medium/High): High**

**Test Designed date: 2022-07-17**

**Module Name: Functionality Testing**

**Test Executed by: Yuan Lin**

**Test Title: Verify shop and cart functionality**

**Test Execution date: 2022-07-17**

**Description: Test whether the “Shop” and “Cart” pages of the website are working properly.**

**Pre-conditions:**

**Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Click the “Shop” button at the top left corner of the page or click the “Start Shopping >>” button.		The user is navigated to the page for shopping.	The user was navigated to the page for shopping.	Pass	
2	Click any of the “Buy” button on the page		A dialogue box pops up saying “1 item added to cart”, showing the item name and price, with the options of either “Check out 1 item” or “Go to cart”. The “Cart (0)” sign at the top right corner of the page changes to “Cart (1)”.	The “Cart(0)” sign at the top right corner of the page changed to “Cart (1)”, but no dialogue box popped up that said “1 item added to cart”, with the options of either “Check out 1 item” or “Go to cart”.	Fail	
3	Click the “Cart (0)” sign at the top right corner of the page		The user is navigated to a page showing all items in the cart, with the options of either “Check Out” or “Empty Cart”.	The user was navigated to a page showing all items in the cart, with the options of either “Check Out” or “Empty Cart”.	Pass	
4	Change the quantity from “1” to “2”		The value of subtotal doubled.	The value of subtotal doubled.	Pass	
5	Click the “Empty Cart” button.		A dialogue box pops up asking “Are you sure that you want to empty your cart?”.	A dialogue box pops up asking “Are you sure that you want to empty your cart?”.	Pass	
6	Click “Yes” to confirm emptying the cart.		The shopping cart is emptied and the “Start Shopping >>” button is displayed.	The shopping cart is emptied and the “Start Shopping >>” button is displayed.	Pass	
7	Click the “Start Shopping >>” button.		The user is navigated back to the	The user was navigated back to the page for shopping.	Pass	

			page for shopping.			
8	Repeat Steps 2 and 3, then click the "Check Out" button.		A dialogue box pops up, with the option of either "continue to sign in" or "continue as guest".	The user was navigated directly to the checkout page asking for the user's delivery and payment details, with no option for the user to sign in.	Fail	

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## Test Case 6

<b>Test Case ID:</b> 6	<b>Test Designed by:</b> Yuan Lin
<b>Test Priority (Low/Medium/High):</b> High	<b>Test Designed date:</b> 2022-07-17
<b>Module Name:</b> Functionality Testing	<b>Test Executed by:</b> Yuan Lin
<b>Test Title:</b> Verify the delivery and payment form functionality	<b>Test Execution date:</b> 2022-07-17
<b>Description:</b> Verify the delivery and payment form is working correctly	

**Pre-conditions:** User has added some items to the shopping cart and checked out.

**Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Provide valid forename (first name)	Forename: Joseph				
2	Provide valid email	Email: yu.an.lintech@gmail.com		When clicking the "Email" textbox, the page said "Almost there - but we can't send your items unless you complete the form correctly". While entering the email, the textbox for the email was highlighted in red with the message "Please enter a valid email" beside it.	Pass	
3	Provide valid address	Address: 2 Sample St		When clicking the "Address" textbox, the page said "Almost there - but we can't send your items unless you complete the form correctly".	Pass	
4	Select a card type.	Card Type: Mastercard	A range of bank card types are displayed, such as Visa, Mastercard, American Express	When clicking the "Card Type" box, the page said "Almost there - but we can't	Pass	

			etc.	send your items unless you complete the form correctly”, and the options of Visa and Mastercard cards were displayed.		
5	Enter Card Number	Card Number: 1234 9876 1234 9876		When clicking the “Card Number” textbox, the page said “Almost there - but we can't send your items unless you complete the form correctly”.	Pass	
6	Click the “Submit” button.		Order successful. The webpage displays a message confirming that the order is successful with order number displayed on the screen. The user receives an email confirming the order.	The page showed it was “processing order” before displaying a message saying “Thanks Joseph, your order has been accepted. Your order number is JT1658080914620”. No email was sent.	Fail	
7	Repeat Steps 1,2,3 and 8 in Test Case 5 and navigate to the checkout page. Click the “Submit” button without entering any details.		Order unsuccessful. The textbox for forename is highlighted in red with an error message saying “Forename is required”. The textbox for email is highlighted in red with an error message saying “Email is required”. The textbox for address is highlighted in red with an error message saying “Address is required”. The textbox for card type is highlighted in red with an error message saying “card type is required”. The textbox for card number is highlighted in red with an error message saying “card number is required”. The message “Almost there - but we can't send your items unless you complete the form correctly” is displayed at the top of the page.	Order unsuccessful. The textbox for forename was highlighted in red with an error message saying “Forename is required”. The textbox for email was highlighted in red with an error message saying “Email is required”. The textbox for address was highlighted in red with an error message saying “Address is required”. The textbox for card number was highlighted in red with an error message saying “card number is required”. The message “Almost there - but we can't send your items unless you complete the form correctly” was displayed at the top of the page.	Pass	
8	Enter a forename, an invalid email address without the @ symbol and an invalid card number before clicking the “Submit” button.	Forename: Joseph Email: yuan Address: 31 Sample St Card Type: Mastercard Card Number: 1234	Order unsuccessful. The textbox for email is highlighted in red with an error message saying “Please enter a valid email”, the textbox for invalid card number is highlighted in red with an error message saying “Please enter a valid card number”, and the message “Almost there - but we can't send your items unless you complete the form correctly” is displayed at the top of the page.	Before clicking the submit button, the textbox for email was highlighted in red with an error message saying “Please enter a valid email” and the message “Almost there - but we can't send your items unless you complete the form correctly” was displayed at the top of the page. However, after the “Submit” button was pressed, the page showed it was “processing order” before	Fail	



				displaying a message saying “Thanks Joseph, your order has been accepted. Your order number is JT1658084444979”. No email was sent.		
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**Post-conditions:**

The company received the user’s order.

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## Test Case 7

**Test Case ID:** 7

**Test Designed by:** Yuan Lin

**Test Priority (Low/Medium/High):** High

**Test Designed date:** 2022-07-17

**Module Name:** Usability Testing

**Test Executed by:** Yuan Lin

**Test Title:** Test the usability of the website

**Test Execution date:** 2022-07-17

**Description:** Test whether users will find it easy to use the website.

**Pre-conditions:**

**Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Check the menu at the top of the page.		The menu should include: "Home", "Shop", "Contact", "About", "Login", "Sign Up", "My account", "My Cart" etc.	The menu only includes "Home", "Shop", "Contact", "Login" and "Cart (0)". There is no "About", no button for sign up, and no button for the user to quickly navigate to their account.	Fail	
2	Click the Login button on the top right corner of the page.		The user is navigated to the login page, where there is a sign up link for first time users and a "Forgot password?" button for users who forgot their password to reset their password.	A login dialogue box appeared with no sign up link for first time users and a "Forgot password?" button for users who forgot their password to reset their password.	Fail	

**Project Name: Jupiter Toys**

## Test Case 8

**Test Case ID:** 8

**Test Designed by:** Yuan Lin

**Test Priority (Low/Medium/High):** High

**Test Designed date:** 2022-07-17

**Module Name:** Compatibility Testing

**Test Executed by:** Yuan Lin

**Test Title:** Test the browser and operating system compatibility of the website

**Test Execution date:** 2022-07-17

**Description:** Test whether the website can be displayed and can run in the same way in different web browsers and operating systems, as well as across laptop, tablet and mobile devices.

**Pre-conditions:** All previous testing was done on the Google Chrome browser running on the Windows operating system.

**Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Copy the link of the website <a href="https://jupiter.cloud.planittesting.com/#/">https://jupiter.cloud.planittesting.com/#/</a> into other browsers such as Microsoft Edge, Firefox etc on Windows.		The website continues to run in the same way as it runs in Google Chrome.	The website continued to run in the same way as it ran in Google Chrome.	Pass	
2	Copy the link of the website <a href="https://jupiter.cloud.planittesting.com/#/">https://jupiter.cloud.planittesting.com/#/</a> into safari and Google Chrome running on an iPhone using the iOS operating system.		The website continues to run in the same way as it runs in Google Chrome on Windows.	The website continued to run in the same way in Safari on iOS. However, during one test, in Google Chrome on iOS, when the user added items to the cart, the “Cart (0)” sign in the menu didn’t change. Instead, it blinked every time an item was added to the cart. In the cart, the “Empty Cart” button was instead displayed as “Buy Cart”. The website worked normally in Google Chrome on iOS in later tests.	Pass	