Test cases for the iBudget project

User Registration

Step	Action	Expected system response	Pass / Fail	Comment
1.	Click on the 'Register' link either in the header or the footer of the site	User is taken to the Registration page	√	
2.	Enter an invalid email (e.g. test@yahoo)	System should display an error message	√	
3.	Enter a valid email	System should display if the entered email is available	√	If email has already been used, enter another email
4.	Enter a password that is 2 characters long	System should display an error message	√	
5.	Enter a valid password		√	
6.	Enter a 2 character password in the 'Confirm Password field'	System should display an error message	√	
7.	Enter the same password			
8.	Hit the 'Next' button	Screen changes	√	
9.	Enter first and last name			
10	Hit the 'Register' button	User is successfully registered and redirected to the dashboard page	√	

User Log In

Step	Action	Expected system response	Pass / Fail	Comment
1.	Click on the 'Log in' link either in the header or the footer of the site	User is taken to the Log in page	√	
2.	Enter an invalid email (e.g. test@yahoo)	System should display an error message	√	
3.	Enter the email that you registered with		√	
4.	Enter your password		√	If you enter wrong password an error message should be displayed
5.	Hit the 'Log in' button	User is logged in and redirected to the dashboard page	√	

Logging out

- precondition: user is logged in

Step	Action	Expected system response	Pass / Fail	Comment
1.	Click on the 'Log Out' link either in the header or the footer of the site	User is taken to the Logged out page	√	
2.	Enter 'http://ibudget.simplefunctions.com/dashboard.php' in the address bar	System should redirect you to the login page	√	

Creating Custom CSV Mapping

- precondition: user is logged in and on the Custom CSV Mapping page

Step	Action	Expected system response	Pass / Fail	Comment
1.	Click on the 'Browse' button and select a csv file			
2.	Hit the 'Preview' button	The content of the file should be displayed	√	
3.	Repeat step one, but this time choose a pdf file	System should display an error that only csv files are acceptable	Fail	Some gibberish is being displayed, but the application does not crash
4.	Enter a name for the new mapping			
5.	Enter integer values for the columns			
6.	Hit the 'Create Custom Mapping' button	Form is submitted and user is redirected to dashboard page	√	

Upload CSV file

- precondition: user is logged in and on the Upload CSV page

Step	Action	Expected system response	Pass / Fail	Comment
1.	Click on the 'Browse' button and select a csv file			
2.	Choose mapping type from the dropdown field			
3.	Hit the 'Process File' button	System should display a success	√	If the csv file being

		message		uploaded doesn't match the mapping chosen, an error message should display

Create New Transaction

- precondition: user is logged in and on the Transactions page

Step	Action	Expected system response	Pass / Fail	Comment
1.	Click on the New button	System displays a popup window	√	
2.	Do not enter anything then hit the Create button	Popup Window remains in place but an error message is displayed at the bottom of the popup window	√	
4.	Repeat steps 1 but this time enter a Transaction Name, a Category, a Date and an Amount before hitting the Create button.	Popup Windows closes and the main Transaction page is refreshed and contains the newly created transaction with the biggest ID number in the list.	√	

Edit Transaction

- precondition: user is logged in and on the Transactions page which has at least one transaction

Step	Action	Expected system response	Pass / Fail	Comment
1.	Click on a row (a transaction)	The row is highlighted	√	

2.	Click on the Edit Button	System displays a popup window	√	
3.	Change the transaction name and hit the 'Update' button	Transaction name is updated, screen refreshes and displays the new name	√	
4.	Repeat steps 1 and 2. Change the transaction category and hit the 'Update' button	Transaction category is updated, screen refreshes and displays the new category	√	
5.	Repeat steps 1 and 2. Change the transaction date and hit the 'Update' button	Transaction date is updated, screen refreshes and displays the new date	√	
6.	Repeat steps 1 and 2. Change the transaction category and hit the 'Update' button	Transaction amount is updated, screen refreshes and displays the new amount	√	

Delete Transaction

- precondition: user is logged in and on the Transactions page which has at least one transaction

Step	Action	Expected system response	Pass / Fail	Comment
1.	Click on a row (a transaction)	The row is highlighted	√	
2.	Click on the Delete Button	System displays a confirmation window	√	
3.	Click on the Close icon in the top right corner	Transaction is not deleted	√	
4.	Repeat steps 1 and 2. Hit the 'Delete' button	Transaction is deleted, window refreshes and displays all transactions without the one just deleted	√	

Export Transaction List

- precondition: user is logged in and on the Transactions page

Step	Action	Expected system response	Pass / Fail	Comment
1.	Click on one of the Export buttons (CSV, Excel, PDF)	System displays a Save As window	√	
2.	Enter a file name and a location to save the file then hit Cancel button.	Popup Window closes and main Transaction page is shown but no file was exported.	√	
4.	Repeat steps 1 and 2 but this time hit the Save button.	Popup Window closes and main Transaction page is shown and a file was created in the format chosen.	√	

Copy Transaction List to Clipboard

- precondition: user is logged in and on the Transactions page

Step	Action	Expected system response	Pass / Fail	Comment
1.	Click on the Copy button	A message is shown telling user how many rows was copied to clipboard.	√	
2.	Open any application such as Word or Excel then Paste the clipboard content.	The transaction list is transferred from clipboard to another application.	√	