**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](mailto: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**

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| --- | --- | --- | --- | --- |
| 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](mailto: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

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| --- | --- | --- | --- | --- |
| 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

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| --- | --- | --- | --- | --- |
| 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

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| --- | --- | --- | --- | --- |
| 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 message | √ | If the csv file being 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

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| --- | --- | --- | --- | --- |
| 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

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| --- | --- | --- | --- | --- |
| 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. | √ |  |