

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 message | √ | If the csv file being uploaded doesn't match the mapping chosen, an error message should display |

Edit Transaction

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

| 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

| 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 | ✓ | |