

Report on the results of site testing

<https://parabank.parasoft.com/>

1. Brief information

To test the following functionality Transfer Funds, Bill Pay, Request Loan, Find Transaction you need to register or log into an existing account. For this purpose additional tests for registration and logging have been created. These tests were not discussed in detail as they were not required to be tested.

2. Information on the progress of the tests

Table 1. Tests passed as a result of testing the functionality of the site

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№ of Test	Name of the test	Result	Comments
1	Registration	Positive	The registration was completed by entering the same test value 'Test' in all fields.
2	Log in	Positive	The logging operation occurred by entering the username and password specified during registration.
3	Transfer Funds	Defects detected	Values have been entered 7 times in the field for entering funds. <ol style="list-style-type: none">1. If a value between zero and available funds is entered, a new page is opened to confirm the transfer of funds.2. Entering a negative value opens a new page confirming the transfer of funds. A new page does not open with a message about incorrect entry. - Defect3. If you enter a value greater than available funds, a new page opens confirming the transfer of funds. A new page with a message about incorrect input does not open. - Defect4. When entering a text value, a new page

			<p>opens with a message about incorrect input.</p> <ol style="list-style-type: none"> When entering a sign, a new page opens with an invalid input message. When you enter a link, a new page opens with an invalid input message. Entering a space opens a new page with an invalid input message.
4	Bill Pay	Defects detected	<p>Values have been entered into the data entry fields 7 times.</p> <ol style="list-style-type: none"> When you enter a numeric value, a new page opens to confirm that the invoices have been paid. A message about incorrectly entered data in the address, city, and state entry fields is not displayed - Defect When entering a text value, a text value containing a numeric value, a message appears asking you to enter the correct numeric value in the account confirmation account and quantity entry fields, but the same message does not appear for entering a phone number. - Defect When you enter a space, a message appears saying that the input fields cannot be blank. When you enter a sign, a message appears asking you to enter the correct numeric value in the entry fields for account confirmation account and quantity, but the same message does not appear for entering a phone. Also, a message does not appear for correctly entering state, address, city, zip code, ssn - Defect When entering a link, a message appears asking you to enter the correct numeric value in the fields for entering account

			confirmation account and quantity, but does not appear the same message for entering phone. Also, a message does not appear to correctly enter state, address, city, zip code, ssn - Defect
5	Request Loan	Defects detected	<p>Values have been entered into the data entry fields 8 times.</p> <ol style="list-style-type: none"> 1. If a numeric value greater than zero is entered, a new page with credit confirmation opens. 2. Entering a numeric value smaller than zero opens a new page with a credit rejection message. No message about incorrect data entry appears. - Defect 3. Entering a space, reference, text value, text value with a digit in any position opens a new page with an error message.
6	Find Transaction	Defects detected	<p>9 values were entered in the financial input field.</p> <ol style="list-style-type: none"> 1. Search by id <ol style="list-style-type: none"> 1.1 When entering an id, a new page opens with an error message. - Defect 1.2 When entering a space, reference, date, text value, text value with a digit, numeric value, an error message appears. 2. Search by date <ol style="list-style-type: none"> 2.1 When entering a date, a new page with information about transactions opens. 2.2 An error message appears if you enter a space, reference, text value, text value with a digit, id value, numeric value. 3. Search by date range <ol style="list-style-type: none"> 3.1 When entering dates, a new page with information about transactions is opened. 3.2 An error message appears if you enter a space, a reference, a text value, a text value with a digit, an id, a numeric value.

			<p>4. Search by amount</p> <p>4.1 When entering a numeric value, a new page with information about transactions opens.</p> <p>4.2 An error message appears if you enter a space, reference, text value, text value with a digit, id value, date.</p>
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3. Conclusion

During functionality testing it was found that all elements are displayed on the page, information can be entered into input fields, buttons and links are clickable. But defects have been identified, the presence of which makes it difficult to use the site and complicates its use. These defects can confuse the user, and also give him the opportunity to make incorrect operations, which in the field of finance can cause a lot of problems for both the user and the owner.

Defects to eliminate: it is necessary to impose conditions for entering data into input fields, as well as to notify the user about incorrectly entered data. The same changes need to be made for the registration process. The logging process is running well.